WEST Search History

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DATE: Tuesday, December 27, 2005

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		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=DTIC; PLUR=YES; OP=OR	
☐	L6	l4 and L5	9
☐	L5	(query or querie$ or inquir$) near5 (location or geograph$ or closest adj location)	6544
☐	L4	l3 and (gps or global adj positioning adj system)	22
☐	L3	l1 and L2	114
☐	L2	(((office$ or apartment$) near5 (building or facility or facilitie$)) and (repair$ or service adj provider or technician$ or trademan or trade adj man or electrician$ or plumber$ or repairperson$ or repairman$))	5432
☐	L1	((service or repair or maintenance) near5 (plumbing or heating or HVAC or appliance$ or electricity)) and (schedule$ or scheduling)	1690

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L28: Entry 1 of 1 File: JPAB Dec 7, 1999

PUB-NO: JP411335020A
DOCUMENT-IDENTIFIER: JP 11335020 A
TITLE: REMOTE MONITOR SYSTEM

PUBN-DATE: December 7, 1999

INVENTOR-INFORMATION:

NAME	COUNTRY
HASEGAWA, KAZUMI	
KAWAWAKI, SHIGENORI	
TANII, TOMOYA	
HONDA, KENICHI	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
MITSUBISHI ELECTRIC BUILDING TECHNO SERVICE CO LTD	
MITSUBISHI ELECTRIC ENGINEERING CO LTD	

APPL-NO: JP10140065
APPL-DATE: May 21, 1998

INT-CL (IPC): B66 B 5/00; G08 B 25/04

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a remote monitor system which can rapidly select a suitable maintenance worker among a plurality of maintenance groups each consisting of a single maintenance worker or a plurality of maintenance workers.

SOLUTION: In a remote monitor system for remotely monitoring an equipment facility installed in a building 10 from a center 14, information as to an abnormality is transmitted to a center device 18 in the center 14 when maintenance is required for the equipment facility. Meanwhile, a plurality of maintenance groups each composed of a single maintenance worker or a plurality of maintenance worker, carries portable terminal units 20 which produce information as to positions of the maintenance groups at present, with the use of a GPS(global positioning system). Further, the center device 18 acquires building position data indicating the position of the building 10 from which a demand signal for the maintenance when the demand signal is received, and accordingly, it selects at least one of the maintenance groups in accordance with the information as to the positions of the maintenance groups and the information as to the position of the building.

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L17: Entry 1 of 1 File: JPAB Dec 7, 1999

PUB-NO: JP411335021A
DOCUMENT-IDENTIFIER: JP 11335021 A
TITLE: REMOTE MONITOR SYSTEM AND MAINTENANCE SUPPORT SYSTEM

PUBN-DATE: December 7, 1999

INVENTOR-INFORMATION:

NAME	COUNTRY
HASEGAWA, KAZUMI	
KAWAWAKI, SHIGENORI	
TANII, TOMOYA	
HONDA, KENICHI	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
MITSUBISHI ELECTRIC BUILDING TECHNO SERVICE CO LTD	
MITSUBISHI ELECTRIC ENGINEERING CO LTD	

APPL-NO: JP10140066
APPL-DATE: May 21, 1998

INT-CL (IPC): B66 B 5/00; G08 B 25/04

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a remote monitor system which informs a keeper for a building, of a condition for a recovery from an abnormality so as to alleviate fears of the keeper.

SOLUTION: A building 10 in which an object to be maintained is provided therein with a terminal device 16. When the terminal device 16 normally transmits information as to an abnormality to a center device 18, the device 18 transmits in reply, an abnormality information accept confirming signal. Further, the terminal device 16 indicates such a fact that the information as to the abnormality is already transmitted in reply to the center 14. Further, a maintenance group carries portable terminals 20, and accordingly, a signal indicating a required time until the group reaches the building 10 is transmitted to the terminal device 16.

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☐ 1. Document ID: JP 2000348277 A

L15: Entry 1 of 1 File: JPAB Dec 15, 2000

PUB-NO: JP02000348277A
DOCUMENT-IDENTIFIER: JP 2000348277 A
TITLE: EMERGENCY DISPATCH SUPPORT SYSTEM

PUBN-DATE: December 15, 2000

INVENTOR-INFORMATION:

NAME	COUNTRY
SONOMOTO, KIYOSHI	
MAKINO, HIROSHI	
MORITA, KENICHI	
KADOWAKI, MASAFUMI	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
HITACHI BUILDING SYSTEMS CO LTD	

APPL-NO: JP11158232
APPL-DATE: June 4, 1999

INT-CL (IPC): G08 B 25/04; G08 B 23/00; G08 B 29/00; G08 B 29/02; H04 M 11/00; H04 Q 9/00

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain an emergency dispatch support system capable of quickly coping with abnormality of a building in the case of receiving an abnormal notification from the building.

SOLUTION: When abnormal notification of an installed device is received, dispatch person selecting parts 15 and 34 automatically select a maintenance engineer who is optimum to the abnormal correspondence on the basis of building information such as the name of a building, address and monitoring installed device to be a monitored object preliminarily held in 1st storing parts 14 and 33, personal attribute information needed to select a dispatch person such as the area in charge and work skill of a maintenance engineer held in 2nd storing parts 16 and 35 and the work execution situations and the work schedule of the maintenance engineer held in 3rd storing parts 20 and 39, and dispatch instructing parts 17 and 36 perform a dispatch instruction to a portable terminal device 50 carried by the selected maintenance engineer.

01626989 Supplier Number: 24359020 (THIS IS THE FULLTEXT)
SnapTrack stages **demo of location system**
(SnapTrack and US West Wireless demonstrate location technology created to meet phase II requirements of the FCC's enhanced 911 mandate)
RCR Radio Communications Report, v 17, n 34, p 23
August 24, 1998
DOCUMENT TYPE: Journal ISSN: 0744-0618 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 593

ABSTRACT:
SnapTrack Inc, jointly with US West Wireless, demonstrated location technology. This technology was developed to meet phase II requirements of the Federal Communications Commission's enhanced 911 mandate. By the year 2001, the FCC has required wireless carriers to supply emergency dispatchers with the location of callers within 127 meters, 67% of the time. The trial was held in Denver, CO. The Denver PSAP (public service answering point) receives close to 500,000 911 calls every year. Wireless calls represent 10 to 15% of this number. SnapTrack has stated that the accuracy testing of its system shows reliable location fixes were generated 89% of the time in high rise buildings, 94% inside masonry office buildings and 100% of the time in other environments. The company's Cellular-Aided GPS system is described as a handset-based solution that works with wireless networks to bolster some of the global positioning system's conventional shortcomings in locating handsets. The article provides additional information on the trial testing.

TEXT:
By: Kristen Beckman

SnapTrack Inc., together with U S West Wireless, last week staged a live demonstration of its location technology designed to meet phase II requirements of the Federal Communications Commission's enhanced 911 mandate. SignalSoft Corp. and SCC Communications Corp. also participated in the trial.

The FCC has required wireless carriers by 2001 to provide emergency dispatchers with the location of callers to within 127 meters, 67 percent of the time. While carriers have more than three years remaining to deploy location technologies, some SnapTrack executives said they believe location technologies will be deployed as early as next year.

Officials at the Denver public safety answering point where the trial was held are anxious to see location technology deployed. The Denver PSAP receives nearly 500,000 911 calls each year, with wireless calls accounting for 10 to 15 percent of that number.

''With the volume of wireless calls we receive, 2001 is too far away to wait for some mandate to kick in,'' said Capt. Ed Conners, Denver's Communications Bureau commander. ''This trial proves that the technology is available now, and it should be deployed as soon as possible.''

Last week's trial simulated E911 calls in Denver and neighboring Adams County, which added a rural element to the mix.

Test phone calls were made to the Denver Combined Communications Center to simulate the performance of the technology in a variety of situations. Calls were made in open spaces, inside a three-story residence and from an urban canyon on a street in downtown Denver. The accuracy of the call-back number as well as the location were checked.

The actual location of each caller was measured against the locations

SnapTrack's system generated for each call. The system pinpointed the location of a call made from an open space to within 13 meters of the actual location. For comparison, testers simulated that Phase I technologies would have located the caller 1,200 meters away from his actual position. Phase I technologies convey only the call-back number and cell-site location to emergency dispatchers.

SnapTrack's system located the call made from an interior room of a three-story residence to within 32 meters and the call made from downtown Denver to within 34 meters.

SnapTrack said accuracy testing of its system indicates reliable location fixes were generated 89 percent of the time in a high-rise building, 94 percent of the time within the interior of a masonry office building and 100 percent of the time in other environments.

The company's testing so far has included 550 test calls.

SnapTrack's Cellular-Aided GPS system is a handset-based solution that works with wireless networks to improve on some of the global positioning system's traditional shortfalls in locating handsets. Conventional GPS systems, for instance, require a minimally obstructed view of the sky, have long acquisition times, drain power from the handsets and are susceptible to multipath interference.
SnapTrack's system minimizes some of those problems by determining a general location using information from the wireless network and then pinpointing locations using the GPS system. Because it is a handset-based solution, SnapTrack's system relies on sales of new phones equipped with its software.

Although the company has not yet signed any contracts with domestic carriers, it has plans to trial the system with seven Code Division Multiple Access carriers, including AirTouch Communications Inc., GTE Wireless Inc., Ameritech Cellular, PrimeCo Personal Communications L.P. and Sprint Spectrum L.P. Those trials are expected to be completed in the first half of next year.

The company also recently announced an agreement with Japan's NTT DoCoMo, which will use the system for revenue-generating services based on location information, such as directions and mobile Yellow Pages.

COMPANY NAMES: SNAPTRACK INC; US WEST WIRELESS LLC
INDUSTRY NAMES: Mobile communications; Telecom services; Telecommunications
PRODUCT NAMES: Cellular telephone services (481218)
CONCEPT TERMS: All company; All product and service information; Joint venture; Product development; Quality
GEOGRAPHIC NAMES: North America (NOAX); United States (USA)
?

11907784 SUPPLIER NUMBER: 60904994 (THIS IS THE FULL TEXT)

Cooper Square uses technology to enhance residential management.(Brief Article)

Kuperberg, David

Real Estate Weekly, 46, 31, 15
March 1, 2000
DOCUMENT TYPE: Brief Article LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 565 LINE COUNT: 00050

TEXT:

Visitors entering several luxury properties managed by Cooper Square Realty will see a computer at the concierge desk. This may not seem unusual: computers are as common today as skiers in Vermont, but how many concierge desks at residential buildings have computers? And these computers do more then serve as a directory of residents.

The system, "Concierge Plus," was created by Cooper Square. It keeps track of most activities in the building - visitors, package deliveries, repairs, messages for residents and is networked with the **superintendent** 's office, the property manager and the package room. In the nearly four months since it was introduced, "Concierge Plus" has improved service and increased security in the buildings where it has been installed, such as Carnegie Hill Tower on East 94th Street and Central Park Place on West 57th Street.

The system is a major step forward in Cooper Square's ongoing use of technology to improve property management operations and our services. Today, technology is the driving force in business and will gain increased importance as we move forward. Yet, it is the creativity people bring to this technology that will greatly influence corporate successes. Those companies that develop their own uses will profit the most. But we must not lose sight of the fact that property management is a service business, and the human element and personal attention should not be lost with the onslaught of technology.

Until now, technology in residential property management has been limited primarily to financial areas - keeping track of payments, budgets, providing financial statements and information to board members and residents. However, technology can be used to enhance value and improve service in buildings. That's one reason Cooper Square continuously seeks to use technology to create new systems to improve service and provide efficiencies. In fact, several staff members have the responsibility to develop new programs, as well as improvements to existing ones.

The gathering, processing and use of information is the key as we move forward into the 21st Century. Using technology makes the tasks more efficient and also provides information not previously accessible. We see information as a valuable tool in property management. Today, we at Cooper Square monitor preventive maintenance, track problems with mechanical systems, keep a record of packages delivered and have instantaneous communication with the property manager, **superintendent** and others.

In addition to "Concierge Plus," Cooper Square has developed other uses for technology - including MOST (Maintenance Operations and Status Tracking), which we believe is the most advanced computerized building **maintenance tracking system** in the New York area. The system monitors the performance and maintenance schedules of building equipment to maximize efficiency and useful life, and keeps an accurate record of equipment problems and repair history. The program generates customized work orders for preventive maintenance, which can bee-mailed to vendors, with copies sent to the property manager, building **superintendent** and our accounting department. The system can generate various levels of detail. Owners, for example, can get general reports, while property managers can receive more detailed ones.

Technology offers property management a tremendous opportunity to be creative in developing new programs to provide better services for the

properties we manage, and helps us to improve property values.

COMPANY NAMES: Cooper Square Realty, Inc.--Products
INDUSTRY CODES/NAMES: BUSN Any type of business; REAL Real Estate
DESCRIPTORS: Real estate agents and brokers--Communication systems; Real estate industry--Communication systems; Real estate management--Communication systems; Real estate management firms--Communication systems
GEOGRAPHIC CODES/NAMES: 1USA United States
PRODUCT/INDUSTRY NAMES: 6531100 (Real Estate Agents & Brokers); 6531300 (Real Estate Management)
SIC CODES: 6531 Real estate agents and managers
NAICS CODES: 53121 Offices of Real Estate Agents and Brokers; 5313 Activities Related to Real Estate
FILE SEGMENT: TI File 148
?

07581309 SUPPLIER NUMBER: 15864863 (THIS IS THE FULL TEXT)

Preventive monitoring: constant monitoring of buildings as they age, with fiber-optic sensors and computers, can extend their life and lower their cost.

Gentry, Russell

Progressive Architecture, v75, n10, p96(4)
Oct, 1994
ISSN: 0033-0752 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2506 LINE COUNT: 00217

ABSTRACT: A fictional study is devised that will evaluate the cost of a building with an automated monitoring system for preventive maintenance and the cost of a building without one. Even with the initial financial investment in the latest sensor technology, the building and its maintenance costs are less than if the building maintenance is not done before major damage is detected by visual evaluation. A problem with current sensors is the lack of area surveyed by the equipment for preventive maintenance.

TEXT:

Electronic building monitoring is not only valuable to diagnose such things as the stresses that buildings undergo, but can also be a used as a tool in scheduling preventive maintenance. New developments in electronic monitoring, such as fiber optics, will allow readings to be taken throughout the fabric of a building rather than at single points, providing a more detailed picture of building behavior.

No architect expects his or her building to last forever. But most building owners do and, remarkably, they expect their buildings to do so without maintenance. Owners blame architects for leaky roofs, rotting window gaskets, and cracking slabs, when these failures might have been prevented with forewarning. In an attempt to impress upon clients that preventive maintenance is crucial and ultimately less costly than repairs, architects should propose that critical building systems be monitored over the life of the building to stop problems before they start.

Innovations in sensor technology, such as fiber optics and computer data acquisition, now make automated building monitoring the key to future building maintenance programs. These so-called "smart buildings" borrow existing technology from the aircraft and automotive industries, which constantly monitor and report on the machine's performance, and make use of emerging fiber-optic sensors. These buildings will electronically monitor their own condition and automatically report potentially costly distress before repair costs become large.

A Tale of Two Buildings

The current craze of embracing "life-cycle costing" is only partially hype. We know that buildings degrade, but the impact of degradation can be attenuated and controlled through proper maintenance. Instead of waiting for the rebar in concrete slabs to begin to rust, we can maintain the slabs to prevent rust by applying surface sealers every three years. The goal is to maintain a building instead of repairing it.

The table (2) compares the present cost of two identical buildings over the first 20 years. Both have the same initial cost of $30 million but the first building is not maintained. The second building is monitored and is maintained when the monitoring system indicates that work is required.

In both cases the reinforcing steel in the parking garage begins to corrode in the eighth year. The corrosion is visually detected in the 13th year in the non-monitored building, probably because the cover concrete is beginning to spall throughout the garage. A $200,000 repair removes the spalled concrete, sandblasts the exposed rebar, patches the slab, and applies a sealer to the entire slab. But this repair is only temporary because the corrosion has already spread through the entire slab before the first repair is complete. Even though the visible consequences of the corrosion were repaired, the corrosion itself was not stopped. In the 17th

year a $1-million repair is required. This represents a typical cost for modest slab rehab in a parking garage, including full removal of slab concrete cover and partial replacement of the top reinforcing steel. This cost assumes that column and beams are not affected by the corrosion.

For the monitored building, $300,000 is spent instrumenting the building as it is constructed. This pays for sensors, computers, and installation. An additional $2,000-per-year cost is incurred to maintain and read the monitoring system. In the 10th year, the corrosion sensors (1) installed as part of the monitoring system detect high concentrations of deicing salts in the slab. The deicing salts have not reached the rebar, so intense corrosion has not yet started. Immediately after the monitor notes the presence of salts in the slab, a sealer is applied to the entire slab at a cost of $80,000. The sealer has a life of only three years and thus must be reapplied. The application of the sealer becomes an item in the maintenance budget of the building.

In this fictitious comparison, the initial cost of the two buildings is approximately equal, about $29 million at year zero. The monitoring system pays for itself because it detects potential damage and allows a maintenance program to prevent costly slab repairs.

To calibrate a maintenance program, a method for gauging its effectiveness is needed. Furthermore, a method for detecting the need for remedial action to systems that are not maintained (such as building foundations) is also desirable. These two goals -- scheduling routine maintenance when it is needed and identifying distress in nonmaintained systems -- can be met by installing sensors during construction and monitoring these sensors on a periodic or continuous basis.

Building Monitoring Systems

Monitoring systems in buildings measure a change in some physical state over time. This physical state might be strain, pressure, temperature, degradation, or position. Monitoring systems may be as simple as annually scheduled visual surveys of a building (or "walk throughs") or as complex as computer-controlled sensor arrays that detect and automatically respond to changes in building state.

The simplest and least expensive monitoring systems are simple benchmarks that are visually checked on a periodic basis. Survey benchmarks and inclinometers are often installed on dams and are then checked annually to ensure that the dam is stable. Taking survey data using these benchmarks requires human intervention; thus these systems are costly to operate. Furthermore, the information from these techniques comes at widely spaced intervals. Distress detected in an annual survey may have progressed to the point where maintenance is not possible or where repair is required.

More complex systems use sensors that convert a change in physical state to an electrical signal. These signals are processed by a digital voltmeter and read by a computer that continuously logs changes. Instrumentation of this type is commonly used in laboratory experiments on building structures and components. Strain gages, thermocouples, displacement transducers, and pressure cells are all used with this type of monitoring system.

More complex still are monitoring systems that can both detect and respond to changes in the physical state of the building. These systems are categorized as smart or active systems. The computer monitoring the system detects the changes in the physical environment and automatically directs the system to react to this change. Simple active systems already in use include heating coils embedded in concrete slabs and stairs. More complex active systems control the motion of tall buildings during strong winds and earthquakes. An active system can control the movement of structural frameworks by detecting earth-quake ground motions and attenuating motion by moving a set of masses out-of-phase with the building motion.

The greatest potential for building monitoring systems is one that not only detects changes and logs them on a computer, but also informs the building's owner when distress is detected. This system would be "semismart"; it would not itself react to the change but would be smart enough to signal that some further inspection or maintenance was required.

Smart Building Monitoring

A semismart system can read and store information from an array of

sensors spread throughout the building. A dedicated computer checks the sensors every few minutes and logs any changes in the state of any sensor. Weekly, monthly, and yearly average values of each sensor reading are automatically calculated and stored so that trends in building behavior can be noted. The computer reading the sensors is preprogrammed to react to large changes in sensor output. For example, if a humidity sensor in a dead air space underneath a roof exceeds 90 percent, a flag is tripped. This flag will be displayed on the screen of the computer, thus alerting the person overseeing building maintenance that the roofing membrane may need investigating.

This level of smart data processing still requires that a person oversee the operation of the building monitor. However, if the computer is equipped with a modem and a telephone line, the computer can phone a remote location (or even a location within the building itself) and indicate that a sensor has tripped a flag. A system equipped with this level of intelligence can be installed in a building as it is constructed, commissioned, and then left to operate automatically. The data from the system can be downloaded yearly to spot changes in system performance over time. The monitoring system will notify the owner (or perhaps the architect) whenever targeted maximum or minimum sensor readings are encountered.

Assessing Building Systems

In addition to acting as a diagnostic tool for maintenance and repair, a building monitor can be a useful tool for gauging the life of new building systems and materials. In this mode the building monitor becomes a research and education tool, not just a diagnostic tool.

Emerging architectural technology often promises economies and longevity, but few of these systems have been in use for the time required to understand fully their long-term behavior. We specify new materials without full knowledge of their behavior over time.

Also, certain building features are not well understood, even though they have been in use for many years. Expansion joints are specified in most buildings with plan dimensions greater than 150 feet. It is widely accepted that these joints are needed to relieve the thermal stresses that would accumulate in a building without expansion joints. A monitor sensing building movement could show whether or not this is true. It can also be argued that expansion joints are not designed, they are just specified, because we have little data on how they perform over time. How do they retain their effectiveness for the life of the structure? How do they lock over time because of moisture and subsequent corrosion? A long-term building monitor can add to our knowledge of the behavior of expansion joints and other building systems.

Distributed Sensors and Fiber Optics

One potential drawback of current sensors is their "point" nature. Most sensors currently available measure changes only in a limited region around the sensor. A moisture sensor installed underneath a roof membrane will detect changes in moisture only at the spot where the sensor is installed. A strain gage attached to the bottom of a concrete slab will detect overload in one bay of the structure, but may not detect changes in adjacent bays. The point nature of these sensors means that an incredible number of them is required to monitor a building fully. This destroys any economies of a monitoring system.

If monitoring systems are to become a diagnostic tool for real buildings, as opposed to simply a research tool applied to a few buildings, then sensors that can detect changes over a wide area must be developed. Emerging fiberoptic technology may provide such sensors.

The optical fiber shown in the diagram on page 99 can be embedded in a concrete slab and used as a crack sensor. The output from the fiber shows not only the location of cracking, but also its magnitude throughout the slab. The output from this fiber is read with an Optical Time Domain Reflectometer (OTDR), a light meter that monitors the change in the time-of-flight of light and the loss of signal through an optical fiber. In the future, long optical fibers may be able to read changes in temperature and moisture as well as changes in strain.

A Case Study in Progress

To assess the potential of a smart building monitor as part of an ongoing building maintenance program, I am involved in the installation of a smart building monitor in the new law building at Catholic University in Washington, D.C. The building, a four-story structural steel tower with an underground parking garage of reinforced concrete (3), was designed by the local firm of Keyes Condon Florance.

The monitoring system installed at Catholic, with more than 100 sensors, is tailored to the types of degradation expected in the building. Examples of the various sensors and the readings expected from them include:

* corrosion sensors in the reinforced concrete parking garage slabs to detect the migration of deicing salts into the slabs;
* soil pressure sensors in the soil overlaying the parking garage to detect saturation of the soil, indicating that the soil drainage system has plugged and that loads on the parking garage roof will be severe;
* fiber-optic crack sensors (4) to detect cracking in the parking garage slabs;
* moisture and humidity sensors to detect moisture penetration through sloped and flat roofing elements.

All of the sensors are connected to a computer in the building's basement. This computer will monitor the sensors continuously and report changes via a modem and a telephone line. The program will have the capability of flagging sensor readings that exceed target values, just like the smart building monitor described earlier.

The monitor will go into operation this fall, with the building's completion, and the results of the case study will be subject of a future P/A Technics article. The data from this monitor should provide valuable information on the long-term behavior of building systems, determining when maintenance should be performed, and may serve as a model for future monitoring efforts in other buildings.

Building Monitoring Cost Comparison Example

	Non-Monitored Building		Monitored Building		
Year	1st Cost	Repairs	1st Cost	Monitor	Repairs
1	30,000,000		30,000,000	300,000	
2				2,000	
3				2,000	
4				2,000	
5				2,000	
6				2,000	
7				2,000	
8				2,000	
9				2,000	
10				2,000	80,000
11				2,000	
12				2,000	
13		200,000		2,000	80,000
14				2,000	
15				2,000	
16				2,000	80,000
17		1,000,000		2,000	
18				2,000	
19				2,000	80,000
20				2,000	
Totals		1,200,000		338,000	320,000

Sensors for Monitoring Degradation

The key to any monitoring system is the judicious selection and location of sensors. Architects must identify the potential avenues for degradation and must provide sensors to detect the onset of this degradation. Sensors are available to detect the forces causing and the products resulting from degradation:

* Moisture sensors detect the intrusion of water into roofing membranes and expansion joints;
* Inclinometers and pressure cells detect overall and differential settlement of building foundations;
* Strain gauges detect changes of state in concrete and in

reinforcing steel. In structural steel, a strain gauge attached to an expansion joint will detect whether the joint is slipping as it should be, or if it is locked, causing a buildup of thermal strain in the structure;

* Corrosion sensors can detect chloride penetration into concrete before metallic embedments begin to corrode;

* Fiber-optic sensors detect changes in dimensions over large distances. In the future, these sensors may detect cracking in concrete slabs, cladding panels, and masonry walls.

Two consulting firms that specialize in monitoring projects are: Wiss, Janney, Elstner, 14 Washington Road, Princetion Junction, NJ, 08550; Construction Technology Laboratories, 5420 Old Orchard Road, Skokie, IL, 60007.

SPECIAL FEATURES: illustration; photograph; table; chart
INDUSTRY CODES/NAMES: ARCH Architecture and Design
DESCRIPTORS: Buildings--Maintenance and repair
PRODUCT/INDUSTRY NAMES: 1502000 (Modernization & Repairs); 3679942 (Infrared Sensors & Detectors)
SIC CODES: 1500 GENERAL BUILDING CONTRACTORS
FILE SEGMENT: TI File 148
?

06689393 Supplier Number: 55970698 (THIS IS THE FULLTEXT)

Peregrine Systems Introduces Fully Integrated Solution for Facilities Management.

PR Newswire, p8824
Oct 4, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1480

TEXT:

FacilityCenter Boosts Efficiency, Cuts Costs of Facilities, Through Effective
Procurement, Space Utilization, Change Management and Maintenance

SAN DIEGO, Oct. 4 /PRNewswire/ -- Peregrine Systems(R), Inc. (Nasdaq: PRGN), the leading provider of Infrastructure Management software for the Infrastructure Resource Planning marketplace, today announced the release of FacilityCenter(TM), the only truly integrated facility and real estate management solution. FacilityCenter manages the entire lifecycle of the facility from acquisition, design and space utilization through maintenance and renovation to retirement. With an easy to use web interface, FacilityCenter allows anyone to freely access these functions any time, any where from a browser without the need for special training.

"Seeing the big picture is key to understanding how to make the right decisions that affect bottom line facility costs," said David Sligting, Peregrine Systems area vice president, facilities management. "FacilityCenter sets a new standard for integrating all the data and processes for proactive management of routine, preventive and capital maintenance and optimizing operations to reduce total operational costs."

Integrated Solution

FacilityCenter is a complete solution that integrates the administration of real estate properties, facility assets and personnel to minimize the costs of operations and maintenance. Unlike point solutions, all the major tasks of facility management such as real estate management, lease and procurement management, preventive and corrective maintenance, space planning, move and change management, as well as cost forecasting and tracking are included.

FacilityCenter streamlines the field operations and maintenance environment with its ability to download work orders and associated procedures to portable, hand held digital devices. These devices also support field entry of up loadable inspection readings and work order closeout details, as well as the creation of new work orders in the field.

"This capability allows maintenance technicians to remain focused on the jobs at hand and eliminates costly down time due to administrative paper work between tasks," said Fred Klammt, principal, Aptek Associates.

FacilityCenter also includes a building occupancy chargeback (BOC) system that allows managers to track all facility costs and charge back the costs to the appropriate department or division. A technology manager is also included to track and model an organization's physical communications network infrastructure.

FacilityCenter Reserve, powered by Critical Path, is an optional web-based room and asset reservation system. FacilityCenter Reserve allows users to schedule rooms and resources for projects and special events and is integrated with the FacilityCenter database. Using a graphical interface, users can reserve a conference room for a specific date and time and ensure that all the necessary resources, such as audio/video equipment, whiteboards, tables and chairs, are present for the occasion.

FacilityCenter's common environment to manage people, places and things eliminates the need to maintain redundant information. Real estate, property, buildings, space, personnel, assets and operations and maintenance are all managed within a single integrated database. "The sharing of common data between the real estate, space planning, operations and communications cabling communities of an organization can eliminate redundancy and facilitates more accurate and effective communication" said

Larry Rhodda, principal, KPMG Infrastructure Resource Planning Solutions.

Change Management

FacilityCenter is the first solution to provide a comprehensive method of planning and implementing changes that affect the people, places and things associated with a facility. Users can graphically view the physical implications of change management projects, while FacilityCenter automatically creates work orders and updates CAD drawings to reflect the revisions. FacilityCenter even allows managers to include the anticipated financial impact of any changes in their long range budgeting process using either historical or projected corrective, preventive and capital costs associated with the change.

In addition, FacilityCenter eliminates problems and unnecessary costs before they occur by providing a series of automated operations. FacilityCenter automatically creates work orders when it detects problems from automated controls such as building management systems. Preventive maintenance work is also automated through readings from meters, instrument panels and calendars.

FacilityCenter is the only facility management product available today that can monitor the consumption of power and automatically issue work orders to optimize energy control systems in real time to conserve power and save money. FacilityCenter Energy powered by Silicon Energy is an optional module that brings this powerful capability to FacilityCenter customers without the cost of replacing existing energy control hardware.

The new optional FacilityCenter Work Management module streamlines the process of sorting tasks by workload, location or type of work. This innovative module saves the organization's time and money by ensuring maintenance staff receive assignments that best reflect their skill set, availability and proximity to the assignment. The Facility Center Work Management application offers the same functionality as the Work Management application in Peregrine Systems ServiceCenter(TM), the leading Consolidated Service Desk solution.

Visual Information

FacilityCenter employs a visual interface to allow users to see and manipulate the components associated with a physical location such as personnel, furniture, equipment and space parameters. The visual interface allows for easy and understandable access to critical applications such as automated control systems, energy management, room and asset reservation and work management.

The FacilityCenter CAD Integrator connects the facility database with the graphical world of CAD drawings through a bi-directional interface, allowing the geographic visualization and manipulation of property, buildings, floors, rooms, personnel, organizations and assets. Sophisticated architecture and space planning capabilities can be implemented using CAD to provide a graphical view of the facility database. FacilityCenter CAD Integrator now supports Autodesk's AutoCAD 2000 as well as earlier releases and the CAD products of other vendors, such as Microstation.

FacilityCenter Insight(TM), a decision support tool based on the Cognos PowerPlay and Impromptu products, provides multi-dimensional analysis and reporting through an easy to use data drill-down interface. This interface provides all users the ability to view, interrogate and model facility data into meaningful information such as balanced scorecard style reports or sophisticated graphs that allows managers to make better business decisions more quickly. For example, managers can drill down to find out why one facility is costing more money than another or determine whether it would be more cost effective to lease or own facilities and equipment. "Having an integrated repository of data which tracks the prevailing configuration of infrastructure components and their ongoing costs is valuable in itself," said Paul Doherty, principal, Digit Group and correspondent for InformationWeek magazine. "However, this is just the first step. The addition of an OLAP decision support and reporting tool can multiply this value by providing insight into the dynamics of the infrastructure which helps identify the sources of potential cost savings and streamlines the operation."

As with Work Management, FacilityCenter Insight, provides the data

mining and real-time reporting capability also found in the Peregrine Systems ServiceCenter(TM) product family, further demonstrating the

increasingly rapid integration of all Peregrine Systems product families.

Web Enabled Solution

FacilityCenter is the first truly distributed facility management solution to offer the option of a LAN based or web interface. This allows users the ease of accessing virtually the entire facility management system from a desktop or other web-enabled device and providing immediate updates to those that need to know. A Casual User capability makes it practical for an entire enterprise to submit paperless purchase requisitions, material requests, and work requests as well as query the database to generate reports or access decision support information. This shared services approach allows problems and changes to be processed by those who are directly affected by them, saving time and resources.

Pricing and Availability

The FacilityCenter solution is offered in five packages: FacilityCenter Real Estate Management, FacilityCenter Facility Management, FacilityCenter Operations, FacilityCenter Technology Management and FacilityCenter Enterprise. Pricing starts at $25,000 to $70,000 for five concurrent seat licenses and each additional seat license ranges from $5,000 to $12,000 depending on the modules chosen.

About Peregrine Systems

Peregrine Systems is the leading provider of Infrastructure Management solutions. True Infrastructure Management unites the unique disciplines of the Enterprise Service Desk, Asset Management, Facilities Management and Fleet Management through common shared data. Peregrine Systems solutions address all aspects of organizational infrastructure, from information technology, including both computers and telecommunications, to the buildings and real estate assets housing the technology and people of the organization to the transportation fleets serving the organization. The merging of these disciplines results in a more thorough understanding of the impact of events and change upon the investment decisions of a company.

Founded in 1981, Peregrine Systems is headquartered in San Diego, California with offices throughout the United States as well as in the United Kingdom, Canada, France, Germany, Denmark, Italy, Japan, Netherlands, Belgium, Sweden, Australia and Singapore. Peregrine Systems also has alliance partners and distributors located throughout these regions and in Latin America. More information on Peregrine Systems is available on the World Wide Web at http://www.peregrine.com.

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PUBLISHER NAME: PR Newswire Association, Inc.
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SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)
SPECIAL FEATURES: COMPANY
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Set     Items   Description
S1      12892   (BUILDING? OR OFFICE()BUILDING? OR BUILDING()COMPLEX? ? OR
             WAREHOUSE?)(5N)(MAINTENANCE OR REPAIR? OR SERVICING)
S2       1115   (AUTOMATE? OR ELECTRONIC? OR COMPUTERI?)(5N)(BROKER OR BRO-
             KERS OR THIRD()(PARTY OR PARTIES) OR SERVICE()PROVIDER?)
S3      97811   (AUTOMATE? OR ELECTRONIC? OR COMPUTERI?)(5N)(MONITOR? OR A-
             SSESS? OR TRACK? OR DETECT? OR DETERMIN?)
S4        603   (SELECT OR SELECTS OR SELECTING)(5N)(SERVICE()PROVIDER? OR
             CONTRACTOR?)
S5      65808   GPS OR GLOBAL()POSITION?()SYSTEM? ?
S6      85757   (CONFIGUR? OR IDENTIF? OR COMPARING OR COMPARISON? ? OR RE-
             COMMEND? OR SUGGEST? OR WHICH)(5N)(LOCATION? OR GEOGRAPH? OR -
             TRAVEL?)
S7        310   AU=(COMBS, R? OR COMBS R? OR FLUGEL, W? OR FLUGEL W?)
S8         42   S1 AND (S2 OR S3)
S9          0   S8 AND (S4 OR S5 OR S6)
S10        38   S8 NOT PY>2001
S11         0   S7 AND S1
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10/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

06795065 INSPEC Abstract Number: B9802-8150-004, C9802-7410B-099
Title: Multiplex remote information equipment [power system monitoring]
Author(s): Miyatake, K.; Yamashita, H.; Kitbwaki, K.; Suenaga, H.
Author Affiliation: NTT Power & Building Facilities Inc., Tokyo, Japan
Conference Title: 19th International Telecommunications Energy Conference. INTELEC 97 (Cat. No.97CH36087) p.154-8
Publisher: IEEE, New York, NY, USA
Publication Date: 1997 Country of Publication: USA 755 pp.
ISBN: 0 7803 3996 7 Material Identity Number: XX97-02676
U.S. Copyright Clearance Center Code: 0 7803 3996 7/97/$10.00
Conference Title: Proceedings of Power and Energy Systems in Converging Markets
Conference Date: 19-23 Oct. 1997 Conference Location: Melbourne, Vic., Australia
Language: English Document Type: Conference Paper (PA)
Treatment: Applications (A); Practical (P)
Abstract: The Advanced Power Plant Integrated Maintenance Control System (ALICE) has been developed and deployed to perform remote monitoring and control of power equipment and air-conditioning equipment installed in NTT's telecom buildings. At present, there is a need to expand the area that can be supervised by one such system and to improve system reliability and functionality to achieve more efficient operations. For this purpose, the authors have developed Multiplex Remote Information Equipment (MURE) that enhances the functions and improve the reliability of Remote Information Transmitting Equipment (RE) that has been conventionally used to collect and transmit information at remote offices. NTT has installed plural decentralized power systems in each of its buildings, and one unit of RE has been set up for each decentralized power system to transmit information to a monitoring center. One unit of MURE, on the other hand, multiplexes information from multiple REs inside a building and transmits the information to a monitoring center. MURE is not limited, however, to information transmit; it can also perform unified monitoring of all decentralized systems in a **building** and improve the efficiency of **maintenance** executions. This paper describes the system configuration and design concept of MURE. (4 Refs)
Subfile: B C
Descriptors: building management systems; **computerised monitoring** ; multiplexing; multiplexing equipment; power engineering computing; power system measurement; telemetry
Identifiers: building power system monitoring; multiplex remote information equipment; ALICE advanced power plant integrated maintenance control system; power equipment; air-conditioning equipment; reliability; functionality; plural decentralized power systems
Class Codes: B8150 (Power system measurement and metering); B7210B (Automatic test and measurement systems); B6210J (Telemetry); B7210F (Telemetering systems); B6150C (Communication switching); C7410B (Power engineering computing); C7410H (Computerised instrumentation); C5630 (Networking equipment)

10/5/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

06551824 INSPEC Abstract Number: B9705-8150-018, C9705-3340H-258
Title: Communication architectures for centralized monitoring and control

of power equipment
Author(s): Hirsch, M.; Johnson, M.; Smith, D.
Conference Title: INTELEC. Eighteenth International Telecommunications Energy Conference (Cat. No.96CH35965) p.76-81
Publisher: IEEE, New York, NY, USA
Publication Date: 1996 Country of Publication: USA xviii+839 pp.
ISBN: 0 7803 3507 4 Material Identity Number: XX96-02209
U.S. Copyright Clearance Center Code: 0 7803 3507 4/96/$5.00
Conference Title: Proceedings of Intelec'96 - International Telecommunications Energy Conference
Conference Sponsor: Power Electron. Soc. IEEE
Conference Date: 6-10 Oct. 1996 Conference Location: Boston, MA, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: In the past, on-site or roving personnel monitored and repaired power equipment. Today, to increase efficiency and reduce costs, there is a trend to monitor equipment from a centralized maintenance location. This location is responsible for monitoring all the equipment sites, responding to alarms, and scheduling service and repair as needed using the most appropriate service personnel. The telecommunication vendor must make many decisions when **building** the **maintenance** network. Some of the issues include: number of maintenance sites; type of central monitoring system; type of communication links; messaging protocol; alarms and data to be processed; prioritizing alarms; security; network and element failure; and remote operations. This paper discusses a general networking architecture and specific architectures using examples drawn from two different working systems: Bellcore's Transaction Language 1 (TL-1) and Telefonica de Espana's Sistema de Operacion y Conservacion (SOC). It also speculates on future architectures based on TCP/IP and SNMP protocols. (2 Refs)
Subfile: B C
Descriptors: alarm systems; centralised control; **computerised monitoring** ; maintenance engineering; power system control; power system measurement; telecommunication power supplies; transport protocols
Identifiers: communication architectures; centralized monitoring; centralized control; power equipment monitoring; power equipment control; centralized maintenance location; alarms; service scheduling; repair scheduling; maintenance network; central monitoring system; messaging protocol; prioritizing alarms; security; element failure; remote operations ; Bellcore's Transaction Language 1; Telefonica de Espana's Sistema de Operacion y Conservacion; SNMP protocol; TCP/IP protocol
Class Codes: B8150 (Power system measurement and metering); B6200 (Telecommunication); B8110B (Power system management, operation and economics); B7210B (Automatic test and measurement systems); B6150M (Protocols); C3340H (Control of electric power systems); C7420 (Control engineering computing); C7410B (Power engineering computing); C7410H (Computerised instrumentation); C5640 (Protocols)

10/5/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC

04335151 INSPEC Abstract Number: D89000615
Title: Digital network integrates four operations
Journal: TPT vol.6, no.9 p.86-7
Publication Date: Sept. 1988 Country of Publication: USA
CODEN: TPTTEU ISSN: 0746-6072
Language: English Document Type: Journal Paper (JP)
Treatment: Economic aspects (E); General, Review (G); Practical (P)
Abstract: The computer network system, set up by Florida's Broward County

School System, and connecting more than 200 schools and administrative and **maintenance buildings** , is described. The services provided include data communication, **electronic** mail, energy management, and security **monitoring** , and the network operation and the cost savings it provides are discussed. (0 Refs)

Subfile: D

Descriptors: computer networks; data communication systems; education; electronic mail; security of data; telecommunication network management

Identifiers: Florida; administrative buildings; computer network system; Broward County School System; **maintenance buildings** ; data communication ; electronic mail; energy management; security monitoring; network operation; cost savings

Class Codes: D2030 (Education and training); D4000 (Office automation - communications); D5020 (Networks and inter-computer communications)

10/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

04293862 INSPEC Abstract Number: B89013562, C89006334

Title: Integration of building management functions

Author(s): Martin, A.

Author Affiliation: BEMS Centre, Bracknell, UK

Journal: Measurement and Control vol.21, no.7 p.211-12

Publication Date: Sept. 1988 Country of Publication: UK

CODEN: MEACBX ISSN: 0020-2940

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: In less than a decade, microprocessor-based systems have progressed from being a control tool for the innovative building services manager, to the accepted technology for the effective control of services. These systems can monitor a wide range of **building** services (including fire detection, **maintenance** management, security, energy management, data handling, communication systems, access control, etc.) and provide control information to optimise their performance. The systems' ability to record, analyse and report operational data makes them ideal for such management purposes as monitoring and targeting, maintenance and fault detection. The growth of the market to an expected $100 M by 1990 has helped reduce the cost of the systems to less than one third of that quoted at the start of the decade and makes them very competitive in price with conventional independent controls, enabling the application of intelligent controls in smaller and smaller buildings. (2 Refs)

Subfile: B C

Descriptors: air conditioning; alarm systems; computerised control; **computerised monitoring** ; maintenance engineering; microcomputer applications; safety systems; space heating; total energy systems; ventilation

Identifiers: building management functions; microprocessor-based systems; building services; fire detection; maintenance management; security; energy management; data handling; communication systems; access control; monitoring; targeting; fault detection

Class Codes: B8540 (Electric heating); B8550 (Air conditioning); C3340B (Heat systems); C7420 (Control engineering); C7410B (Power engineering); C3370L (Remote signalling, dispatching and safety devices)

10/5/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

03091961 INSPEC Abstract Number: C83031540
Title: Automated **tool inventory control and** tracking **system**
Author(s): Branscomb, D.R.
Author Affiliation: Todd Pacific Shipyards, Seattle, WA, USA
Conference Title: Northcon/83. Electronics Show & Convention p.6/3/1-6
Publisher: Electron. Conventions, El Segundo, CA, USA
Publication Date: 1983 Country of Publication: USA 628 pp.
Conference Date: 10-12 May 1983 Conference Location: Portland, OR, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Applications (A)
Abstract: Todd Pacific Shipyards, Seattle Division, is a heavy manufacturing company in the business of **building** , converting, and **repairing** all types of ships. A tool inventory of several million items is necessary to equip the work force. Todd was experiencing considerable delay in providing tools to workers. Proper maintenance of tools was difficult since most maintenance and repair was performed only when a tool was turned in as broken. To overcome these problems Todd decided to develop a computer aided tool management system. It became apparent that very fast and accurate recording of transactions was necessary. This requirement led Todd to the use of bar code. The scanner is extremely accurate and eliminates the errors common to key entry. (0 Refs)
Subfile: C
Descriptors: codes; manufacturing data processing; mark scanning equipment; stock control data processing; tools
Identifiers: shipbuilding; ship conversion; ship repair; tool inventory control; tracking; Todd Pacific Shipyards; Seattle; maintenance; computer aided tool management system; bar code
Class Codes: C7160 (Manufacturing and industry)

10/5/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC

02867072 INSPEC Abstract Number: B82032032, C82021941
Title: Remote supervisory and control system for the Japan-Korea submarine cable land terminal
Author(s): Tochiku, T.; Serisawa, Y.; Shinbu, S.
Author Affiliation: Kokusai Denshin Denwa Co. Ltd., Japan
Journal: KDD Technical Journal no.109 p.490-8
Publication Date: July 1981 Country of Publication: Japan
CODEN: KTNKAY ISSN: 0452-3431
Language: Japanese Document Type: Journal Paper (JP)
Treatment: Applications (A); Practical (P)
Abstract: The maintenance and control system located at the unmanned landing station of the submarine cable can send out warnings and written reports to headquarters of damage or breakdown of communications equipment, power source, **building** and environmental **maintenance** equipment or cable. Moreover state of switches readout and hard copy reports on changes are recorded along with control commands emanating from headquarters and measurements can be carried out remotely from headquarters. Maintenance logging is duplicated at the landing station and headquarters. The RZ-1 remote supervisory control system, the supervisory tone monitoring equipment and pilot measuring equipment are described in detail.
Subfile: B C
Descriptors: communications computer control; **computerised monitoring** ; maintenance engineering; submarine cables; telephone lines
Identifiers: maintenance systems; Japan-Korea submarine cable land terminal; RZ-1 remote supervisory control system; supervisory tone monitoring equipment; pilot measuring equipment

Class Codes: B6210D (Telephony); B6240G (Submarine cable systems); C3370C (Telephony); C7410F (Communications); C7420 (Control engineering)

10/5/7 (Item 1 from file: 65)
DIALOG(R)File 65:Inside Conferences

00723591 INSIDE CONFERENCE ITEM ID: CN007055640
A computerised **method of recording and** assessing building **services** maintenance **results**
Sung, C. M. A.
CONFERENCE: National conference
CIBSE NATIONAL CONFERENCE, 1993 P: 48-60
London, The Institution, 1993
LANGUAGE: English DOCUMENT TYPE: Conference Papers and programme
CONFERENCE SPONSOR: Chartered Institution of Building Services Engineers
CONFERENCE LOCATION: Manchester
CONFERENCE DATE: May 1993 (199305) (199305)

BRITISH LIBRARY ITEM LOCATION: 3192.280000
NOTE:
Held in association with BEPAC
DESCRIPTORS: CIBSE; building services engineers

10/5/8 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

06187100 E.I. No: EIP02457183524
Title: Digital monitoring of a distressed building
Author: Perry, Christopher J.; Tigue, David B.
Corporate Source: Perry and Associates, LLC, Chicago, IL, United States
Conference Title: Proceedings of the Eight International Conference on: Computing in Civil and Building Engineering
Conference Location: Stanford, CA, United States Conference Date: 20000814-20000816
Sponsor: Committee Coord. Outside ASCE; Board of Direct. Intern. Soc. Comp. Civ. Struct. Eng.; Proj. Based Learn. Lab., Dep. Civ. Envir. Eng.; Center Integrated Fac. Eng., Dep. Civ. Environ. Eng.
E.I. Conference No.: 60015
Source: Computing in Civil and Building Engineering v 1 2000.
Publication Year: 2000
ISBN: 0784405131
Language: English
Document Type: CA; (Conference Article) Treatment: A; (Applications)
Journal Announcement: 0211W2
Abstract: By implementing a **computerized monitoring** system a large retailer was able to safely conduct operations in a **building** that was in need of **repair** . With this system, the need for human monitoring until snow reached specified levels was reduced. Moreover, data was retained for future use in comparison with later snow events. Observations were made of the structure's behavior during significant snow events. (Edited abstract)
Descriptors: *Computer aided engineering; Buildings; Roofs; Accident prevention; **Building** codes; Structural design; **Repair** ; Structural panels; Beams and girders; Columns (structural); Data processing; Computer software; Monitoring

Identifiers: Distressed building; Digital monitoring; Computer controlled roof structure monitoring
Classification Codes:
723.5 (Computer Applications); 402.2 (Public Buildings); 914.1 (Accidents & Accident Prevention); 902.2 (Codes & Standards); 408.1 (Structural Design, General); 408.2 (Structural Members & Shapes)
723 (Computer Software, Data Handling & Applications); 402 (Buildings & Towers); 914 (Safety Engineering); 902 (Engineering Graphics; Engineering Standards; Patents); 408 (Structural Design)
72 (COMPUTERS & DATA PROCESSING); 40 (CIVIL ENGINEERING, GENERAL); 91 (ENGINEERING MANAGEMENT); 90 (ENGINEERING, GENERAL)

10/5/9 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

04002556 E.I. No: EIP94121504739
Title: Detection **method key to specifying** electronic **plumbing**
Author: Cuellar, Frank A.
Corporate Source: Goetting and Associates Inc, San Antonio, USA
Source: Consulting-Specifying Engineer v 15 n 7 Jun 1994. p 61-68
Publication Year: 1994
CODEN: CSENE9 ISSN: 0892-5046
Language: English
Document Type: JA; (Journal Article) Treatment: G; (General Review)
Journal Announcement: 9502W1
Abstract: Electronic sensor technology makes a positive contribution to plumbing engineering, bringing new responsibilities and opportunities for design engineers. 'No-touch' or electronic plumbing reduce wear and tear on fixtures and vandalism to high-traffic areas, it also limits the spread of contagious diseases. Designers must understand electronic sensor technology and its capabilities to be able to incorporate electronic fixtures into design and keep the application cost effective.
Descriptors: *Plumbing; Sensors; Plumbing fixtures; Infrared radiation; Control systems; Technology; **Maintenance** ; Costs; Engineers; **Buildings**
Identifiers: Electronic plumbing; Microchip technology; Electronic fixtures; Faucets
Classification Codes:
619.1 (Pipe, Piping & Pipelines); 732.2 (Control Instrumentation); 741.1 (Light/Optics); 731.1 (Control Systems); 901.4 (Impact of Technology on Society); 913.5 (Maintenance)
619 (Pipes, Tanks & Accessories); 732 (Control Devices); 741 (Optics & Optical Devices); 731 (Automatic Control Principles); 901 (Engineering Profession); 913 (Production Planning & Control)
61 (PLANT & POWER ENGINEERING); 73 (CONTROL ENGINEERING); 74 (OPTICAL TECHNOLOGY); 90 (GENERAL ENGINEERING); 91 (ENGINEERING MANAGEMENT)

10/5/10 (Item 3 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

02998845 E.I. Monthly No: EIM9012-048754
Title: Third post-SMiRT Seminar.
Author: Apostolakis, G. E. (Ed.)
Corporate Source: Univ of California, Los Angeles, CA, USA
Conference Title: Third post-SMiRT Seminar
Conference Location: Beverly Hills, CA, USA Conference Date: 19890800
E.I. Conference No.: 13677
Source: Reliability Engineering & System Safety v 30 n 1-3 1990. Publ by

Elsevier Science Publ Ltd, Barking, Engl. 487p
Publication Year: 1990
CODEN: RESSEP ISSN: 0951-8320
Language: English
Document Type: CP; (Conference Proceedings) Treatment: G; (General Review); T; (Theoretical); A; (Applications)
Journal Announcement: 9012
Abstract: This issue contains 27 seminar papers. The topics discussed include **computerized** systems for probabilistic safety **assessment** ; diagnostic models for engineering process management; use of PCs in human reliability analysis, knowledge Based Systems for event tree construction, preventive **maintenance** scheduling; reactor operational assistance; **building** structural analysis; automating decision analysis; uncertainties in systems analysis; risk assessment software application to radioactive waste disposal; risk analysis of a sour gas pipeline; risk management software in process industries; software packages and their applications to probabilistic safety assessment and reliability analysis.
Descriptors: *RISK STUDIES--*Assessment; PROBABILITY; COMPUTERS, PERSONAL ; EXPERT SYSTEMS--Knowledge Bases; MATHEMATICAL TECHNIQUES--Trees; COMPUTER SOFTWARE
Identifiers: PROBABILISTIC SAFETY ANALYSIS; DECISION MAKING; PROCESS INDUSTRIES; HUMAN PERFORMANCE ANALYSIS; RISK MANAGEMENT SOFTWARE; EIREV
Classification Codes:
914 (Safety Engineering); 922 (Statistical Methods); 723 (Computer Software); 921 (Applied Mathematics); 912 (Industrial Engineering & Management)
91 (ENGINEERING MANAGEMENT); 92 (ENGINEERING MATHEMATICS); 72 (COMPUTERS & DATA PROCESSING)

10/5/11 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus

04483250 JICST ACCESSION NUMBER: 00A0113797 FILE SEGMENT: JICST-E
Transport facilities (the 1st). Related matters between transport facilities and building in a medical supplies production plant.
TAKANO HIDENORI (1)
(1) Daifuku Co., Ltd.
Kenchiku Setsubi(Magazine of Building Equipment), 2000, VOL.51,NO.1, PAGE.42-46, FIG.6, REF.5
JOURNAL NUMBER: F0416AAI ISSN NO: 0285-5178
UNIVERSAL DECIMAL CLASSIFICATION: 696.5/.6+614.842/.845 615.012
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication
ABSTRACT: Referring to a model plan for an internal solid drug factory, this paper shows related matters between features and building on an **automated** warehouse, a **track** type car truck, AGV, a conveyor, and a monorail car truck. Sprinklers and **maintenance** stairs for **building** equipment are necessary for an **automated** warehouse. A **track** type car truck and AGV are affected by floor accuracy and buildings expansion joint parts. Regarding a conveyor, attention is paid to shielding piping construction and materials of adjoining building equipment, and regarding a monorail, attention is paid to primary supports and the connection of a fireproof shutter.
DESCRIPTORS: pharmaceutical industry; material handling; transporting machine; automated warehouse; transport in factory; bogie; AGV(materials handling); roller conveyor; floor; building work; plaster

work
IDENTIFIERS: plastered floor
BROADER DESCRIPTORS: chemical industry; manufacturing industry; industry; machinery; high rised warehouse; warehouse; transportation(material handling); transportation; running gear; equipment; unmanned transport vehicle; conveyor; construction work; construction(work)
CLASSIFICATION CODE(S): RB06030R; GU01051P

10/5/12 (Item 2 from file: 94)
DIALOG(R)File 94:JICST-EPlus

02335221 JICST ACCESSION NUMBER: 95A0157893 FILE SEGMENT: JICST-E
Total Building Management System.
MASUDA M (1); KANEHIRA N (1); WAKUI Y (2)
(1) Oki Electric Industry Co., Ltd.; (2) Oki System Tokai Co. Ltd.
Oki Tech Rev, 1994, VOL.60,NO.151, PAGE.77-82, FIG.7, TBL.2, REF.4
JOURNAL NUMBER: X0491AAL ISSN NO: 0912-5566
UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02+ 69.059
LANGUAGE: English COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication
ABSTRACT: This paper describes the development of a marking system to improve the high reliability operation of a building function and the control quality of operational efficiency. A facility management system and database are integrated as a **building** automation system and equipment **maintenance** management support tool in order to **automate** the operation, **monitoring** and record of the facility. On the basis of this common facility database, a client server model is realized. This paper describes the development policy, system outline, main improvement, and problem in the development.
DESCRIPTORS: information system; building management; central supervisory room; fire protection facility; security equipment; maintenance of facility; database; LAN; computer system development
BROADER DESCRIPTORS: computer application system; system; management; room; fire protection system; facility; facilities management; maintenance; maintenance management; computer network; communication network; information network; network; development
CLASSIFICATION CODE(S): JE15050M; RB01020X

10/5/13 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS

2131698 NTIS Accession Number: DE99050154/XAB
Test report for run-in acceptance testing of hydrogen mitigation retrieval Pump-3
Berglin, B. G.
Fluor Daniel Hanford, Inc., Richland, WA (United States).
Corp. Source Codes: 888888888
Sponsor: Department of Energy, Washington, DC.
Report No.: HNF-SD-FF-EV-003
15 Aug 1997 52p
Languages: English
Journal Announcement: GRAI9920; ERA9921
Sponsored by Department of Energy, Washington, DC.
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fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A05/MF A01
Country of Publication: United States
Contract No.: AC06-96RL13200
This report provides the findings of the demonstration test conducted on the Double-Shell Tank (DST) 241-SY-101 HMR Pump-3 in accordance with WHC-SDWM-TP- 434 'Test plan for run-in acceptance testing of hydrogen mitigation/retrieval (HMR) pump-3' at the 400 Area **Maintenance** and Storage Facility (MASF) **building** from 7 June 1996 through 30 July 1996 per work package 4A-96- 92/W. The DST 241-SY-101 hydrogen mitigation retrieval Pump-3 is a 200-HP submersible electric driven pump that has been modified for use in the DST 241- SY-101 containing mixed waste located in the 200W area. Prior to operation, pre-operational checks were performed which included loop calibration grooming and alignment of instruments, learning how plumb HMR-3 assembly hung in a vertical position and bump test of the motor to determine rotation direction. The pump was tested in the MASF Large Diameter Cleaning Vessel (LDCV) with process water at controlled temperatures and levels. In addition, the water temperature of the cooling water to the motor oil heat exchanger was recorded during testing. A 480-volt source powered a Variable Frequency Drive (VFD). A Mini Acquisition and Control System (Mini-DACS) controls pump functions and monitoring of the pump parameters. The Mini-DACS consists of three computers, software and some Programmable Logic Controllers (PLC). Startup and shutdown of either the pump motor or the oil cooling pump can be accomplished by the Mini-DACS. When the pump was in operation, the Mini-DACS **monitors** automatically collects data **electronically** .
Descriptors: *Pumps; *Performance Testing; *Safety Engineering; *Hydrogen ; *Degassing; Storage Facilities; Radioactive Waste Storage; Hanford Reservation; Washington
Identifiers: DACS(Data Acquisition and Control System); EDB/052002; EDB/054000; NTISDE
Section Headings: 77G (Nuclear Science and Technology--Radioactive Wastes and Radioactivity); 77F (Nuclear Science and Technology--Radiation Shielding, Protection, and Safety)

10/5/14 (Item 2 from file: 6)
DIALOG(R)File 6:NTIS

1991136 NTIS Accession Number: PB97-854095
Intrusion Detection Systems for Buildings and Automobiles. (Latest Citations from the INSPEC Database)
(Published Search)
NERAC, Inc., Tolland, CT.
Corp. Source Codes: 103588000
Sponsor: National Technical Information Service, Springfield, VA.
Jan 97 50-250 citations
Languages: English Document Type: Bibliography
Journal Announcement: GRAI9707
Updated with each order. Supersedes PB96-857016. Sponsored in part by National Technical Information Service, Springfield, VA.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC N01/MF N01
Country of Publication: United States
The bibliography contains citations concerning intrusion alarms for homes, businesses, and automobiles. Visual motion alarms, infrared movement

detectors , electronic surveillance systems, intruder **detecting** radar systems, and ultrasonic interrupted-beam detectors are among the systems discussed. Intrusion detection systems that are linked to an alarm that sounds on the premises, systems that are linked directly to police stations, and systems that are linked to floodlights are described. Systems designed specifically for automobiles are referenced.(Contains 50-250 citations and includes a subject term index and title list.) (Copyright NERAC, Inc. 1995)

Descriptors: *Bibliographies; *Warning systems; **Detectors** ; Security; **Electronic** security

Identifiers: *Burglar alarms; Published Searches; Car burglar alarms; NTISNTISH; NTISNERACD

Section Headings: 63G* (Detection and Countermeasures--Personnel Detection); 89H* (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 85H* (Transportation--Road Transportation); 91C* (Urban and Regional Technology and Development--Fire Services, Law Enforcement, and Criminal Justice); 88E (Library and Information Sciences--Reference Materials)

10/5/15 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

1930609 NTIS Accession Number: PB96-857016

Intrusion Detection Systems for Buildings and Automobiles. (Latest Citations from the INSPEC Database)

(Published Search)

NERAC, Inc., Tolland, CT.

Corp. Source Codes: 103588000

Sponsor: National Technical Information Service, Springfield, VA.

Dec 95 50-250 citations

Languages: English Document Type: Bibliography

Journal Announcement: GRAI9606

Updated with each order. Supersedes PB95-876280. Sponsored in part by National Technical Information Service, Springfield, VA.

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NTIS Prices: PC N01/MF N01

Country of Publication: United States

The bibliography contains citations concerning intrusion alarms for homes, businesses, and automobiles. Visual motion alarms, infrared movement **detectors , electronic** surveillance systems, intruder **detecting** radar systems, and ultrasonic interrupted-beam detectors are among the systems discussed. Intrusion detection systems that are linked to an alarm that sounds on the premises, systems that are linked directly to police stations, and systems that are linked to floodlights are described. Systems designed specifically for automobiles are referenced.(Contains 50-250 citations and includes a subject term index and title list.) (Copyright NERAC, Inc. 1995)

Descriptors: *Bibliographies; *Warning systems; **Detectors** ; Security; **Electronic** security

Identifiers: *Burglar alarms; Published Searches; Car burglar alarms; NTISNTISH; NTISNERACD

Section Headings: 63G* (Detection and Countermeasures--Personnel Detection); 89H* (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 85H* (Transportation--Road Transportation); 91C* (Urban and Regional Technology and Development--Fire Services, Law

Enforcement, and Criminal Justice); 88E (Library and Information Sciences--Reference Materials)

10/5/16 (Item 4 from file: 6)
DIALOG(R)File 6:NTIS

1871237 NTIS Accession Number: PB95-876280
Intrusion Detection Systems for Buildings and Automobiles. (Latest citations from the INSPEC Database)
(Published Search)
NERAC, Inc., Tolland, CT.
Corp. Source Codes: 103588000
Sponsor: National Technical Information Service, Springfield, VA.
Mar 95 65 citations minimum
Languages: English Document Type: Bibliography
Journal Announcement: GRAI9512
Updated with each order. Supersedes PB94-887809. Sponsored in part by National Technical Information Service, Springfield, VA.
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NTIS Prices: PC N01/MF N01
Country of Publication: United States
The bibliography contains citations concerning intrusion alarms for homes, businesses, and automobiles. Visual motion alarms, infrared movement **detectors** , **electronic** surveillance systems, intruder **detecting** radar systems, and ultrasonic interrupted-beam detectors are among the systems discussed. Intrusion detection systems that are linked to an alarm that sounds on the premises, systems that are linked directly to police stations, and systems that are linked to floodlights are described. Systems designed specifically for automobiles are referenced.(Contains a minimum of 65 citations and includes a subject term index and title list.)
Descriptors: *Bibliographies; *Warning systems; **Detectors** ; Security; **Electronic** security
Identifiers: *Burglar alarms; Published Searches; Car burglar alarms; NTISNTISH; NTISNERACD
Section Headings: 63G* (Detection and Countermeasures--Personnel Detection); 89H* (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 85H* (Transportation--Road Transportation); 91C* (Urban and Regional Technology and Development--Fire Services, Law Enforcement, and Criminal Justice); 88E (Library and Information Sciences--Reference Materials)

10/5/17 (Item 5 from file: 6)
DIALOG(R)File 6:NTIS

1825801 NTIS Accession Number: PB94-887809
Intrusion Detection Systems for Buildings and Automobiles. (Latest citations from the INSPEC Database)
(Published Search)
NERAC, Inc., Tolland, CT.
Corp. Source Codes: 103588000
Sponsor: National Technical Information Service, Springfield, VA.
Jul 94 60 citations minimum
Languages: English Document Type: Bibliography

Journal Announcement: GRAI9421
Updated with each order. Supersedes PB89-859235. Sponsored in part by National Technical Information Service, Springfield, VA.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC N01/MF N01
Country of Publication: United States
The bibliography contains citations concerning intrusion alarms for homes, businesses, and automobiles. Visual motion alarms, infrared movement **detectors** , **electronic** surveillance systems, intruder **detecting** radar systems, and ultrasonic interrupted-beam detectors are among the systems discussed. Intrusion detection systems that are linked to an alarm that sounds on the premises, systems that are linked directly to police stations, and systems that are linked to floodlights are described. Systems designed specifically for automobiles are referenced. (Contains a minimum of 60 citations and includes a subject term index and title list.)
Descriptors: *Bibliographies; *Warning systems; **Detectors** ; Security; **Electronic** security
Identifiers: *Burglar alarms; Published Searches; Car burglar alarms; NTISNTISH; NTISNERACD
Section Headings: 63G* (Detection and Countermeasures--Personnel Detection); 89H* (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 85H* (Transportation--Road Transportation); 91C* (Urban and Regional Technology and Development--Fire Services, Law Enforcement, and Criminal Justice); 88E (Library and Information Sciences--Reference Materials)

10/5/18 (Item 6 from file: 6)
DIALOG(R)File 6:NTIS

1755300 NTIS Accession Number: AD-A268 160/9
FALCS Warehouse Inventory Control System Version 1.0 Design Document
Army Inst. for Research in Management Information, Communications, and Computer Sciences, Atlanta, GA.
Corp. Source Codes: 096567000; 420261
Report No.: ASQB-GM-91-023
Dec 90 21p
Languages: English
Journal Announcement: GRAI9323
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
Country of Publication: United States
The FORSCOM Inventory Control System (FALCS) is an automated inventory control system with a logistics module for monitoring associated maintenance and supply transactions. This design document outlines the design of the Warehouse Inventory Control System module of FALCS Version 1.0.
Descriptors: *Inventory control; *Programming languages; **Maintenance** ; **Monitoring** ; Supplies; **Warehouses** ; Data bases; Modules(**Electronics**)
Identifiers: *Logistics management; *Automation; *Computer applications; FALCS(FORSCOM Inventory Control System); WICS(Warehouse Inventory Control System); NTISDODXA
Section Headings: 74E (Military Sciences--Logistics, Military Facilities, and Supplies)

10/5/19 (Item 7 from file: 6)
DIALOG(R)File 6:NTIS
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1755299 NTIS Accession Number: AD-A268 159/1
FALCS Users Manual, Version 1.0
Army Inst. for Research in Management Information, Communications, and Computer Sciences, Atlanta, GA.
Corp. Source Codes: 096567000; 420261
Report No.: ASQB-GM-91-022
Dec 90 37p
Languages: English
Journal Announcement: GRAI9323
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
Country of Publication: United States
The FORSCOM Automated Logistics Control System (FALCS) is an automated inventory control system with a logistics module for monitoring associated maintenance and supply transactions. This report describes how to perform the functions associated with these two systems.
Descriptors: *Inventory control; Control systems; Maintenance; **Monitoring** ; Supplies; Computer programs; Modules(**Electronics**); User manuals
Identifiers: *Logistics management; *Automation; *Computer applications; WICS(**Warehouse** Inventory Control Program); M-ILS(**Maintenance** Integrated Logistics System); NTISDODXA
Section Headings: 74E (Military Sciences--Logistics, Military Facilities, and Supplies)

10/5/20 (Item 8 from file: 6)
DIALOG(R)File 6:NTIS
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1723834 NTIS Accession Number: PB93-176451
NEC Technical Journal, Vol. 45, No. 11, (Serial 285), November 1992. Special Issue on Home Electronics
Nippon Electric Co. Ltd., Tokyo.
Corp. Source Codes: 020576000
c1992 96p
Languages: Japanese
Journal Announcement: GRAI9313
Text in Japanese with English abstracts. See also PB93-176444.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC E07/MF E07
Country of Publication: Japan
Titles of articles in this special issue on home **electronics** include the following: Hi-Vision **Monitor** Model HV-36T1; MUSE Decoder with BS/CS Tuner Model HV-MD3000T; MUSE-NTSC Converter with BS Tuner Model HV-C2000T; Personal Wordprocessor Bungou MINI5Si; Personal Wordprocessor Bungou MINI7RM; Kanji Color Thermal Transfer Printer PC-PR101/T103, T165; CD-ROM Drive Unit CDR-37/CDR-84; Tri-phosphor Type Incandescent Fluorescent Lamp

'LIFE-LOOK L-HG'; Narrow Band Type Fluorescent Lamp 'BIOLUX HG' for Aquariums; TV Receiver with Ghost Reduction Circuit C-29BS1000; Flare Compensation Circuit for Digital Scan Converter NSC-2200; Multi-media Player System; CD/CD-ROM Recording System.

Descriptors: High definition television; Decoders; Word processing; Compact disks; Read only memories; Incandescent lamps; Fluorescent lamps; Television receivers; Household goods

Identifiers: *Foreign technology; *Home electronics; Word processors; NTISTFMRI

Section Headings: 45B (Communication--Radio and Television Equipment); 62A (Computers, Control, and Information Theory--Computer Hardware); 82C (Photography and Recording Devices--Recording Devices); 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance)

10/5/21 (Item 9 from file: 6)

DIALOG(R)File 6:NTIS

1593069 NTIS Accession Number: AD-D014 887/4

R. F. Lockout Circuit for Electronic Locking System

(Patent)

Becker, E. M. ; Miller, A.
Department of the Navy, Washington, DC.
Corp. Source Codes: 001840000; 110050

Report No.: PAT-APPL-7-440 950; PATENT-4 996 525
Filed 24 Nov 89 patented 26 Feb 91 8p
Languages: English Document Type: Patent
Journal Announcement: GRAI9120
Supersedes PAT-APPL-7-440 950.

This Government-owned invention available for U.S. licensing and, possibly, for foreign licensing. Copy of patent available Commissioner of Patents, Washington, DC 20231 $1.50.

NTIS Prices: Not available NTIS

Country of Publication: United States

An electronics lockout circuit including an antenna adapted to receive radio frequency signals from a transmitter, and a radio frequency detector circuit which converts the radio frequency signals into a first direct current voltage indicative of the relative strength of the field resulting from the radio frequency signals. The first direct current voltage is supplied to a trigger circuit which compares this direct current voltage to an adjustable direct current reference voltage and provides a second direct current voltage at the output thereof whenever the amplitude of the first direct current voltage exceeds the amplitude of the reference voltage provided by the comparator circuit is supplied to a disconnect relay circuit which upon receiving a signal from the electronic control unit of an electronic combination lock during the time period the second direct current voltage is present isolates the door strike coil of a security door from the electronic control unit. This prevents signals falsely generated by the electronic control unit because of radio frequency signals in the vicinity of the electronic control unit because of radio frequency signals in the vicinity of the electronic control unit from energizing the door strike coil and thereby accidentally opening a security door.

Descriptors: *Doors; * **Electronic** equipment; Circuits; Control systems; **Detectors** ; Direct current; Disconnect fittings; Locking(Mechanics); Radio signals; Radiofrequency; Relays; Security

Identifiers: PATENTS; PAT-CL-340-825.3; NTISGPN

Section Headings: 45C (Communication--Common Carrier and Satellite); 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 49B (Electrotechnology--Circuits); 90F (Government Inventions For Licensing--Electrotechnology)

10/5/22 (Item 10 from file: 6)
DIALOG(R)File 6:NTIS

1487890 NTIS Accession Number: PB90-162090
Automated Maintenance Management Program Part 2: The Integration of Databases and Image Processing Results for the Quantitative Assessment of the Exterior Condition of Metal Buildings
Kaetzel, L. J. ; Martin, J. W. ; Hocker, M. M.
National Inst. of Standards and Technology (NEL), Gaithersburg, MD. Center for Building Technology.
Corp. Source Codes: 092731004
Report No.: NISTIR-89/4179
Jan 90 39p
Languages: English
Journal Announcement: GRAI9008
See also PB88-192448.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
Country of Publication: United States
The establishment of an **automated** system for **assessing** the exterior condition of structures can provide facility managers with an important tool for making decisions. The integration of different forms of knowledge into a coherent system provides the fundamental basis for an expert system. The system can reduce the time required to analyze and interpret information, and provides a historical record of the rate of failure for building structures. The report discusses the feasibility of establishing an automated maintenance management program for making maintenance decisions using computer image processing to obtain quantitative results database technologies and the design and structure of the database for condition assessment are discussed. Image acquisition, processing, storage, and retrieval of images of a water tower are presented as a case study.
Descriptors: ***Maintenanc** e management; * **Buildings** ; Decision making; Steel structures; Organic coatings; Algorithms
Identifiers: *Image processing; *Computer applications; Data base management systems; File structures; NTISCOMNBS
Section Headings: 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 71E (Materials Sciences--Coatings, Colorants, and Finishes); 71G (Materials Sciences--Corrosion and Corrosion Inhibition); 71L (Materials Sciences--Materials Degradation and Fouling); 70B (Administration and Management--Management Practice)

10/5/23 (Item 11 from file: 6)
DIALOG(R)File 6:NTIS

1457366 NTIS Accession Number: DE89013375
Technology Assessment : Electronic **Office Equipment: Revision**
Harris, J. ; Roturier, J. ; Norford, L. K. ; Rabl, A.
Lawrence Berkeley Lab., CA.
Corp. Source Codes: 086929000; 9513034
Sponsor: Department of Energy, Washington, DC.
Report No.: LBL-25558-REV.
Nov 88 43p
Languages: English

Journal Announcement: GRAI8921; NSA0000
Portions of this document are illegible in microfiche products. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
Country of Publication: United States
Contract No.: AC03-76SF00098
Electronic office equipment represents a fast-growing but poorly understood component of the ''other'' end use in commercial buildings. We analyzed technical data and market projections to characterize the electricity usage and efficiency potential for this equipment. There were no published data on actual power consumption of office equipment, so we metered selected pieces of equipment, for comparison with nameplate ratings. Measured power use was typically 20--40% of nameplate ratings. Power use varies for similar equipment; in particular, desktop PCs use about ten times the power of equivalent laptop models. Typical daytime loads for office equipment are about 10--20 W/m sub 2 , roughly equal to lighting loads in a well-designed new office. Future load growth depends on many market and technical factors; US office equipment electricity use in 1995 could range from 130 TWh (''market saturation'' of current technology with expanded use of computerized printing) to about 25 TWh if today's most efficient hardware and operating systems became the market norm. 45 refs., 5 figs., 4 tabs.
Descriptors: *Electrical Equipment; *Energy Consumption; Commercial Buildings; Energy Conservation; Energy Efficiency; Personal Computers; Technology Assessment
Identifiers: *Office equipment; ERDA/298000; ERDA/320100; NTISDE
Section Headings: 97B (Energy--Energy Use, Supply, and Demand); 97G (Energy--Policies, Regulations, and Studies); 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance)

10/5/24 (Item 12 from file: 6)
DIALOG(R)File 6:NTIS

1430074 NTIS Accession Number: PB89-859235
Intrusion Detection Systems for Buildings and Automobiles. January 1975-March 1989 (Citations from the INSPEC: Information Services for the Physics and Engineering Communities Database)
(Rept. for Jan 75-Mar 89)
National Technical Information Service, Springfield, VA.
Corp. Source Codes: 055665000
Apr 89 88p
Languages: English Document Type: Bibliography
Journal Announcement: GRAI8911
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC N01/MF N01
Country of Publication: United States
This bibliography contains citations concerning intrusion alarms for homes, businesses, and automobiles. Visual motion alarms, infrared movement **detectors** , **electronic** surveillance systems, intruder **detecting** radar systems, and ultrasonic interrupted-beam detectors are among the systems discussed. Intrusion detection systems that are linked to an alarm that sounds on the premises, systems that are linked directly to police

stations, and systems that are linked to floodlights are described. Intrusion detection systems designed specifically for automobiles are included. (Contains 182 citations fully indexed and including a title list.)

Descriptors: *Bibliographies; *Warning systems; * **Electronic** security; **Detectors** ; Security

Identifiers: *Burglar alarms; Published Searches; Car burglar alarms; NTISNTISH; NTISNERACD

Section Headings: 63G (Detection and Countermeasures--Personnel Detection); 89H* (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 85H* (Transportation--Road Transportation); 91C* (Urban and Regional Technology and Development--Fire Services, Law Enforcement, and Criminal Justice); 88E (Library and Information Sciences--Reference Materials)

10/5/25 (Item 13 from file: 6)

DIALOG(R)File 6:NTIS

1384981 NTIS Accession Number: PB88-222765

Impact of Modern Electronics on Fire Protection

(Technical rept)

Transue, R. E.

Jensen (Rolf) and Associates, Inc., Deerfield, IL.

Corp. Source Codes: 063782000

Sponsor: Society of Fire Protection Engineers, Boston, MA.

Report No.: SFPE-TR-82-6

c1982 10p

Languages: English

Journal Announcement: GRAI8820

Presented at the Society of Fire Protection Engineering Seminars, San Francisco, CA., May 17-20, 1982. Sponsored by Society of Fire Protection Engineers, Boston, MA.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A02

Country of Publication: United States

Since the end of World War II, science and technology have brought about advances in electronics, highlighted by miniaturization and reliability of components. These advances are discussed in general and then related to fire protection systems in particular. A distinction is made between microcomputers and microprocessors and between reliability of components and system integrity. Determining component reliability by mean-time-before-failure analysis is explained. (Copyright (c) 1982, Society of Fire Protection Engineers.)

Descriptors: *Fire protection; *Reliability(**Electronics**); Fire alarm systems; Fire **detection** systems; Integrated circuits

Identifiers: Microcomputers; Microprocessors; Smoke detectors; Failure analysis; NTISSFPE

Section Headings: 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 49H (Electrotechnology--Semiconductor Devices); 94H (Industrial and Mechanical Engineering--Industrial Safety Engineering)

10/5/26 (Item 14 from file: 6)

DIALOG(R)File 6:NTIS

1369673 NTIS Accession Number: PB88-192448

Automated Maintenance Management Program. Part 1: Quantitative Assessment of the Exterior Condition of Metal Buildings and Roofing Systems via Computer Image Processing

Martin, J. W. ; Bentz, D. P. ; Kaetzel, L. ; McKnight, M. E.

National Bureau of Standards (NEL), Gaithersburg, MD. Center for Building Technology.

Corp. Source Codes: 081915002

Sponsor: Tri-Services Building Materials Investigation Program Committee.

Report No.: NBSIR-88/3719

Mar 88 32p

Languages: English

Journal Announcement: GRAI8814

Sponsored by Tri-Services Building Materials Investigation Program Committee.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Country of Publication: United States

Automation of a maintenance management program could result in considerable benefits in terms of time, money, and aesthetics to any facilities' maintenance program. An integrated system combining **computerized** condition **assessment** , database management, and expert systems could serve to automate the maintenance management process. One part of such a system, the use of computer image processing to quantitatively assess the exterior condition of buildings, is presented. Computer image processing hardware and software are reviewed and the special concerns present in applying image processing to condition assessment are addressed. Examples of the capability of image processing to quantify the degradation of coated surfaces and roofing systems are presented. Finally the integration of image processing into an overall automated maintenance management program is discussed.

Descriptors: *Maintenance management; *Management systems; Automation; Computer applications; Military facilities; Metal coatings; Roofing; Buildings; Degradation; Pattern recognition

Identifiers: *Image processing; Data base management; NTISCOMNBS; NTISDODX

Section Headings: 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 62F (Computers, Control, and Information Theory--Pattern Recognition and Image Processing); 74E (Military Sciences--Logistics, Military Facilities, and Supplies)

10/5/27 (Item 15 from file: 6)

DIALOG(R)File 6:NTIS

0926502 NTIS Accession Number: AD-D008 830/2/XAB

Fluidic Electronic **Intruder** Detection **System**

(Patent Application)

Rittenbach, O. E. ; Olesch, R. G.

Department of the Army, Washington, DC.

Corp. Source Codes: 000137000; 109900

Report No.: PAT-APPL-6-297 807

Filed 31 Aug 81 40p

Languages: English Document Type: Patent

Journal Announcement: GRAI8203

This Government-owned invention available for U.S. licensing and,

possibly, for foreign licensing. Copy of application available NTIS. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Country of Publication: United States

An **electronic detection** system for **detecting** intruders employs a transmission line as a sensing element. In one embodiment the transmission line is a modified surface-wave transmission line, for example, a Goubau line, which is positioned about the perimeter of the area to be protected. An intruder in the field of the line causes an RF reflection back toward the source, which reflection may be detected by Doppler range-gating techniques. In other embodiments of the invention, the transmission line is an insulated, twisted wire pair or a deformable transmission line. In some instances, the transmission line may be replaced with an active or passive pressure line. (Author)

Descriptors: *Patent applications; *Fluids; *Personnel detectors; *Change detection; *Intrusion detectors; Surface waves; Transmission lines; Range gating; Doppler effect; Near field; Dynamic pressure; Variable pressure; Area security; Gates(Circuits); Surveillance; Inventions; Detection; Reflection; Perimeters(Defense); Intrusion; Radiofrequency; Deformation; Wire

Identifiers: Goubau lines; Surface wave lines; Pressure lines; Deformable lines; Twisted pairs; Alarms(Fluidic); Pressure waves; NTISGPA

Section Headings: 94I (Industrial and Mechanical Engineering--Hydraulic and Pneumatic Equipment); 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 74I (Military Sciences--Passive Defense Systems); 90GE (Government Inventions For Licensing--General)

10/5/28 (Item 16 from file: 6)

DIALOG(R)File 6:NTIS

0781522 NTIS Accession Number: PB-300 003/1/XAB

Design Guide for Improving Residential Security

Newman, O.

Center for Residential Security Design, New York.

Corp. Source Codes: 059400;

Sponsor: Public Management Service, McLean, VA.; Department of Housing and Urban Development, Washington, DC.

Report No.: HUD-0000003; HUD/RT-50

Dec 73 85p

Languages: English

Journal Announcement: GRAI7924

Prepared in cooperation with Public Management Service, McLean, VA.

Paper copy available from the Sup. of Docs., Stock number 023-000-00251-5. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: MF A01

In this design guide for improving residential security, the defensible space concept and its application in the control of interior public spaces in multifamily dwellings are examined. The term defensible space refers to the physical areas of a residential development and defines them as either public, semiprivate, or private; special guidelines determine who may use each area. The role of hardware, personnel, and electronic equipment is described. Materials used in residential and multifamily dwellings (e.g., door and window materials, locks, bars, grills, elevators, lighting) are

discussed, as is the use of alarms, closed - circuit television, intercom systems, and elevator audio systems and the function, selection, cost, scheduling, and equipping of security personnel. The use of various security design components is illustrated through examples of existing total security systems in place in New York City, Philadelphia, Pa., and Boston, Mass. Photographs, drawings, and site plans are included, and specifications for an experimental electronic surveillance system are appended.

Descriptors: *Residential buildings; *Security; Design; **Electronic** security; Personnel **detection** ; Urban areas

Identifiers: *Residential security; Surveillance systems; Burglar alarms; Security personnel; Crime prevention; Electronic surveillance; NTISHUDPDR

Section Headings: 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 91E (Urban and Regional Technology and Development--Housing)

10/5/29 (Item 17 from file: 6)

DIALOG(R)File 6:NTIS

0730058 NTIS Accession Number: PB-287 114/3/XAB

Catalog of Physical Protection Equipment. Book 3. Volume VIII. General Purpose Communication Components

(Final rept)

Haberman, W.

MITRE Corp., Bedford, MA.

Corp. Source Codes: 235050

Sponsor: Nuclear Regulatory Commission, Washington, DC. Div. of Safeguards, Fuel Cycle and Environmental Research.

Report No.: NUREG-0274-VOL-8

Jun 77 128p

Languages: English

Journal Announcement: GRAI7901

See also PB-287 113.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A07/MF A01

Contract No.: AT(49-24)-0376

A catalog of commercially available physical protection equipment has been prepared under MITRE contract AT(49-24)-0376 for use by the U.S. Nuclear Regulatory Commission (NRC). Included is information on barrier structures and equipment, interior and exterior intrusion detection sensors, entry (access) control devices, surveillance and alarm **assessment** equipment, contraband **detection** sensors, **automated** response equipment, general purpose displays and general purpose communications, with one volume devoted to each of these eight areas. For each item of equipment the information included consists of performance, physical, cost and supply/logistics data. The entire catalog is contained in three notebooks for ease in its use by licensing and inspection staff at NRC. This volume considers general purpose communication components, including alarm signalling systems, and portable voice communications.

Descriptors: *Nuclear materials management; *Protection; *Security; *Telecommunication; Warning systems; Voice communication; Portable equipment; Ultrahigh frequencies; Very high frequencies; Radio equipment; Facilities; Catalogs(Publications)

Identifiers: Nuclear facilities; Safeguards; Physical protection devices; NTISNUREG

Section Headings: 77GE* (Nuclear Science and Technology--General); 89H

(Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 97Q (Energy--Selected Studies In Nuclear Technology)

10/5/30 (Item 18 from file: 6)
DIALOG(R)File 6:NTIS

0730057 NTIS Accession Number: PB-287 113/5/XAB
Catalog of Physical Protection Equipment. Book 3. Volume VII. General Purpose Display Components
(Final rept)
Haberman, W.
MITRE Corp., Bedford, MA.
Corp. Source Codes: 235050
Sponsor: Nuclear Regulatory Commission, Washington, DC. Div. of Safeguards, Fuel Cycle and Environmental Research.
Report No.: NUREG-0274-VOL-7
Jun 77 270p
Languages: English
Journal Announcement: GRAI7901
See also PB-287 112 and PB-287 114.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A12/MF A01
Contract No.: AT(49-24)-0376
A catalog of commercially available physical protection equipment has been prepared under MITRE contract AT(0-24)-0376 for use by the U.S. Nuclear Regulatory Commission (NRC). Included is information on barrier structures and equipment, interior and exterior intrusion detection sensors, entry (access) control devices, surveillance and alarm **assessment** equipment, contraband **detection** sensors, **automated** response equipment, general purpose displays and general purpose communications, with one volume devoted to each of these eight areas. For each item of equipment the information included consists of performance, physical, cost and supply/logistics data. This volume considers general purpose display components, including cathode ray tubes, printers, and other displays.
Descriptors: *Nuclear materials management; *Protection; *Security; *Display devices; Facilities; Catalogs(Publications); Cathode ray tubes; Printers(Data processing); Teleprinters; Recording instruments; Electroluminescent panels
Identifiers: Nuclear facilities; Safeguards; Physical protection devices; NTISNUREG
Section Headings: 77GE* (Nuclear Science and Technology--General); 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 49E (Electrotechnology--Optoelectronic Devices and Systems); 97Q (Energy--Selected Studies In Nuclear Technology)

10/5/31 (Item 19 from file: 6)
DIALOG(R)File 6:NTIS

0730056 NTIS Accession Number: PB-287 112/7/XAB
Catalog of Physical Protection Equipment. Book 3. Volume VI. Automated Response Components
(Final rept)
Haberman, W.
MITRE Corp., Bedford, MA.

Corp. Source Codes: 235050
Sponsor: Nuclear Regulatory Commission, Washington, DC. Div. of Safeguards, Fuel Cycle and Environmental Research.
Report No.: NUREG-0274-VOL-6
Jun 77 47p
Languages: English
Journal Announcement: GRAI7901
See also PB-286 686, PB-287 111 and PB-287 113.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
Contract No.: AT(49-24)-0376
A catalog of commercially available physical protection equipment has been prepared under MITRE contract AT(49-24)-0376 for use by the U.S. Nuclear Regulatory Commission (NRC). Included is information on barrier structures and equipment, interior and exterior intrusion detection sensors, entry (access) control devices, surveillance and alarm **assessment** equipment, contraband **detection** sensors, **automated** response equipment, general displays and general purpose communications, with one volume devoted to each of these eight areas. For each item of equipment the information included consists of performance, physical, cost and supply/logistics data. This volume considers automated response components, including siren and bell controls, automatic illumination controls, automatic photograph controls, and automatic dialers.
Descriptors: *Nuclear materials management; *Protection; *Security; *Warning systems; Automation; Dynamic response; Bells; Sirens; Photography; Telephone equipment; Facilities; Catalogs(Publications)
Identifiers: Nuclear facilities; Safeguards; Physical protection devices; Automatic dialers; NTISNUREG
Section Headings: 77GE* (Nuclear Science and Technology--General); 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 97Q (Energy--Selected Studies In Nuclear Technology)

10/5/32 (Item 20 from file: 6)
DIALOG(R)File 6:NTIS

0730055 NTIS Accession Number: PB-287 111/9/XAB
Catalog of Physical Protection Equipment. Book 2. Volume V. Contraband Detection Components
(Final rept)
Haberman, W.
MITRE Corp., Bedford, MA.
Corp. Source Codes: 235050
Sponsor: Nuclear Regulatory Commission, Washington, DC. Div. of Safeguards, Fuel Cycle and Environmental Research.
Report No.: NUREG-0274-VOL-5
Jun 77 144p
Languages: English
Journal Announcement: GRAI7901
See also PB-287 110 and PB-287 112.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A07/MF A01
Contract No.: AT(49-24)-0376
A catalog of commercially available physical protection equipment has

been prepared under MITRE contract AT(49-24)-0376 for use by the U.S. Nuclear Regulatory Commission (NRC). Included is information on barrier structures and equipment, interior and exterior intrusion detection sensors, entry (access) control devices, surveillance and alarm **assessment** equipment, contraband **detection** sensors, **automated** response equipment, general purpose displays and general purpose communications, with one volume devoted to each of these eight areas. For each item of equipment the information included consists of performance, physical, cost and supply/logistics data. The entire catalog is contained in three notebooks for ease in its use by licensing and inspection staff at NRC. This volume considers contraband detection components, including explosives detectors, ferrous metal detectors, all-metal detectors, special nuclear material detection components, and x-ray inspection equipment.

Descriptors: *Nuclear materials management; *Protection; *Security; *Detectors; Explosives; Metals; Portable equipment; Gas chromatography; Electromagnetic testing; Radiation measuring instruments; X ray inspection; Facilities; Catalogs(Publications)

Identifiers: Nuclear facilities; Safeguards; Physical protection devices; Contraband; Metal detectors; NTISNUREG

Section Headings: 77GE* (Nuclear Science and Technology--General); 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 97Q (Energy--Selected Studies In Nuclear Technology)

10/5/33 (Item 21 from file: 6)

DIALOG(R)File 6:NTIS

0730054 NTIS Accession Number: PB-287 110/1/XAB

Catalog of Physical Protection Equipment. Book 2. Volume IV. Surveillance and Alarm Assessment Components

(Final rept)

Haberman, W.

MITRE Corp., Bedford, MA.

Corp. Source Codes: 235050

Sponsor: Nuclear Regulatory Commission, Washington, DC. Div. of Safeguards, Fuel Cycle and Environmental Research.

Report No.: NUREG-0274-VOL-4

Jun 77 249p

Languages: English

Journal Announcement: GRAI7901

See also PB-286 684, PB-287 109 and PB-287 111.

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A11/MF A01

Contract No.: AT(49-24)-0376

A catalog of commercially available physical protection equipment has been prepared under MITRE contract AT(49-24)-0376 for use by the U.S. Nuclear Regulatory Commission (NRC). Included is information on barrier structures and equipment, interior and exterior intrusion detection sensors, entry (access) control devices, surveillance and alarm **assessment** equipment, contraband **detection** sensors, **automated** response equipment, general purpose displays and general purpose communications, with one volume, devoted to each of these eight areas. For each item of equipment the information included consists of performance, physical, cost and supply/logistics data. The entire catalog is contained in three notebooks for ease in its use by licensing and inspection staff at NRC. This volume considers surveillance and alarm assessment components, including thermal imaging systems, video camera equipment, video monitors, and video tape

recorders.
Descriptors: *Nuclear materials management; *Protection; *Security; *Warning systems; *Surveillance; Catalogs(Publications); Video tapes; Television cameras; Infrared detection; Tape recording
Identifiers: Nuclear facilities; Safeguards; Physical protection devices; NTISNUREG
Section Headings: 77GE* (Nuclear Science and Technology--General); 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 63C (Detection and Countermeasures--Infrared and Ultraviolet Detection); 63F (Detection and Countermeasures--Optical Detection); 97Q (Energy--Selected Studies In Nuclear Technology)

10/5/34 (Item 22 from file: 6)
DIALOG(R)File 6:NTIS

0730053 NTIS Accession Number: PB-287 109/3/XAB
Catalog of Physical Protection Equipment. Book 2. Volume III. Entry Control Components
(Final rept)
Haberman, W.
MITRE Corp., Bedford, MA.
Corp. Source Codes: 235050
Sponsor: Nuclear Regulatory Commission, Washington, DC. Div. of Safeguards, Fuel Cycle and Environmental Research.
Report No.: NUREG-0274-VOL-3
Jun 77 144p
Languages: English
Journal Announcement: GRAI7901
See also PB-287 108 and PB-287 110.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A07/MF A01
Contract No.: AT(49-24)-0376
A catalog of commercially available physical protection equipment has been prepared under MITRE contract AT(49-24)-0376 for use by the U.S. Nuclear Regulatory Commission (NRC). Included is information on barrier structures and equipment, interior and exterior intrusion detection sensors, entry (access) control devices, surveillance and alarm **assessment** equipment, contraband **detection** sensors, **automated** response equipment, general purpose displays and general purpose communications, with one volume devoted to each of these eight areas. For each item of equipment the information included consists of performance, physical, cost and supply/logistics data. The entire catalog is contained in three notebooks for ease in its use by licensing and inspection staff at NRC. This volume considers entry control components, including the following: Code combination locks, card locks, code combination and card locks, card systems, and personal characteristics verification systems.
Descriptors: *Nuclear materials management; *Protection; *Security; Facilities; Locks(Fasteners); Identification systems; Verifying; Personnel; Catalogs(Publications)
Identifiers: Nuclear facilities; Safeguards; Physical protection devices; NTISNUREG
Section Headings: 77GE* (Nuclear Science and Technology--General); 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 97Q (Energy--Selected Studies In Nuclear Technology)

10/5/35 (Item 23 from file: 6)
DIALOG(R)File 6:NTIS

0730052 NTIS Accession Number: PB-287 108/5/XAB
Catalog of Physical Protection Equipment. Book 1. Volume II. Intrusion Detection Components
(Final rept)
Haberman, W.
MITRE Corp., Bedford, MA.
Corp. Source Codes: 235050
Sponsor: Nuclear Regulatory Commission, Washington, DC. Div. of Safeguards, Fuel Cycle and Environmental Research.
Report No.: NUREG-0274-VOL-2
Jun 77 407p
Languages: English
Journal Announcement: GRAI7901
See also PB-287 107 and PB-287 109.
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A18/MF A01
Contract No.: AT(49-24)-0376
A catalog of commercially available physical protection equipment has been prepared under MITRE contract AT(49-24)-0376 for use by the U.S. Nuclear Regulatory Commission (NRC). Included is information on barrier structures and equipment, interior and exterior intrusion detection sensors, entry (access) control devices, surveillance and alarm **assessment** equipment, contraband **detection** sensors, **automated** response equipment, general purpose displays and general purpose communications, with one volume devoted to each of these eight areas. For each item of equipment the information included consists of performance, physical, cost and supply/logistics data. The entire catalog is contained in three notebooks for ease in its use by licensing and inspection staff at NRC. This volume considers intrusion detection components, including the following: Acoustic components, microwave/radar components, electro-optic barriers, electric field components, orientation components, ferrous metal detection components, proximity detection components, vibration detection components, seismic components, pressure-sensitive components, pressure mats, continuity components, electrical/magentic switches, fire detection components, and mechanical contact switches.
Descriptors: *Nuclear materials management; *Protection; *Security; *Detection; Detectors; Acoustic detectors; Radar; Electrooptics; Personnel detection; Seismic detection; Fire detection systems; Pressure sensors; Switches; Catalogs(Publications); Facilities
Identifiers: *Intrusion detection; Intrusion detectors; Nuclear facilities; Safeguards; Physical protection devices; NTISNUREG
Section Headings: 77GE* (Nuclear Science and Technology--General); 63G (Detection and Countermeasures--Personnel Detection); 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 97Q (Energy--Selected Studies In Nuclear Technology)

10/5/36 (Item 24 from file: 6)
DIALOG(R)File 6:NTIS

0730051 NTIS Accession Number: PB-287 107/7/XAB
Catalog of Physical Protection Equipment. Book 1, Volume I. Barriers and Structural Components

(Final rept)
Haberman, W.
MITRE Corp., Bedford, MA.
Corp. Source Codes: 235050
Sponsor: Nuclear Regulatory Commission, Washington, DC. Div. of Safeguards, Fuel Cycle and Environmental Research.
Report No.: NUREG-0274-VOL-1
Jun 77 161p
Languages: English
Journal Announcement: GRAI7901
See also PB-286 685 and PB-287 108.
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NTIS Prices: PC A08/MF A01
Contract No.: AT(49-24)-0376
A catalog of commercially available physical protection equipment has been prepared under MITRE contract AT(49-24)-0376 for use by the U.S. Nuclear Regulatory Commission (NRC). Included is information on barrier structures and equipment, interior and exterior intrusion detection sensors, entry (access) control devices, surveillance and alarm **assessment** equipment, contraband **detection** sensors, **automated** response equipment, general purpose displays and general purpose communications, with one volume devoted to each of these eight areas. For each item of equipment the information included consists of performance, physical, cost and supply/logistics data. The entire catalog is contained in three notebooks for ease in its use by licensing and inspection staff at NRC. This volume considers barriers and structural components--specifically, doors and frames, hinges, locks, gate operators, gates/turnstiles, glazing materials, window guards, fences, structural materials, and wide-area detection mirrors.
Descriptors: *Nuclear materials management; *Security; *Protection; *Barriers; Catalog(Publications); Structural members; Doors; Walls; Locks(Fasteners); Hinges; Closures; Construction materials; Fences; Facilities
Identifiers: Nuclear facilities; Physical protection devices; Safeguards; NTISNUREG
Section Headings: 77GE* (Nuclear Science and Technology--General); 89H (Building Industry Technology--Building Equipment, Furnishings, and Maintenance); 97Q (Energy--Selected Studies In Nuclear Technology)

10/5/37 (Item 25 from file: 6)
DIALOG(R)File 6:NTIS

0654712 NTIS Accession Number: AD-A044 188/1/XAB
Automated Specification Preparation for the Base Civil Engineer
(Master's thesis)
Link, J. V. ; Underwood, H. W.
Air Force Inst of Tech Wright-Patterson AFB Ohio School of Systems and Logistics
Corp. Source Codes: 012250
Report No.: AFIT-LSSR-21-77A
Jun 77 198p
Document Type: Thesis
Journal Announcement: GRAI7724
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,

Springfield, VA, 22161, USA.
NTIS Prices: PC A09/MF A01
By February 1978, the Air Force will have access to a comprehensive set of guide specifications for the maintenance, repair, and alternation of real property facilities. The specification file is being developed at the direction of the Office of the Chief of Engineers, U.S. Army. This thesis presents the results of a survey of 87 base design offices in the United States. The survey information includes the frequency of the different methods being used to prepare specifications for maintenance and repair projects, the availability of automatic typing equipment, computer access, and microfilm equipment at the design offices. From the survey information and extensive literature review, an economic analysis is developed to determine the feasibility of developing guidelines for each design office to determine whether it could justify automatic typing equipment. The procedure includes the cost of equipment, the portion of a design engineer's salary which is devoted to reviewing and proofing typed specifications, and the typist's time; all of which are dependent upon the number of pages of specifications produced per year. An appendix provides a procedure to be followed by the requesting unit to **determine** whether the **automated** equipment can be justified. (Author)
Descriptors: *Civil engineering; *Construction; *Specifications; Automation; Military facilities; Air Force planning; **Buildings** ; **Maintenance** ; **Repair** ; Air Force procurement; **Office buildings** ; Office equipment and supplies; Typewriters; Economic analysis; Computers; Microfilm; Theses
Identifiers: NTISDODXA
Section Headings: 74E (Military Sciences--Logistics, Military Facilities, and Supplies)

10/5/38 (Item 26 from file: 6)
DIALOG(R)File 6:NTIS

0606441 NTIS Accession Number: AD-829 441/5/XAB
Installation of an Improved Azusa Ground-Based Tracking System
General Dynamics/Convair San Diego Calif
Corp. Source Codes: 147650
Report No.: GDC-ZP-067
3 Jun 55 16p
Journal Announcement: GRAI7708
Distribution limitation now removed. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A02/MF A01
Presents a tentative plan for installing the improved Azusa Tracking System. This plan provides for a permanent installation compatible with existing AFMTC architecture. The design and general configuration stresses improved reliability and simplified maintenance of the equipment.
Descriptors: *Guided missile **tracking** systems; Installation; Reliability(**Electronics**); **Maintenance** ; Transponders; Construction; **Buildings** ; Roads; Site selection; Underground structures; Antennas; Generators; Electric cables; Waveguides; Control panels; Air conditioning equipment; Ground support equipment
Identifiers: An/frw-1(Xw-1); Azusa; NTISDODXD
Section Headings: 63H (Detection and Countermeasures--Radiofrequency Detection)
?

File 348:EUROPEAN PATENTS 1978-2005/Dec W03
(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051222,UT=20051215
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File 344:Chinese Patents Abs Aug 1985-2005/May
(c) 2005 European Patent Office
File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200582
(c) 2005 Thomson Derwent
File 331:Derwent WPI First View UD=200582
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S1	7019	(BUILDING? OR OFFICE()BUILDING? OR BUILDING()COMPLEX? ? OR WAREHOUSE?)(5N)(MAINTENANCE OR REPAIR? OR SERVICING)
S2	2966	(AUTOMATE? OR ELECTRONIC? OR COMPUTERI?)(5N)(BROKER OR BROKERS OR THIRD()(PARTY OR PARTIES) OR SERVICE()PROVIDER?)
S3	105951	(AUTOMATE? OR ELECTRONIC? OR COMPUTERI?)(5N)(MONITOR? OR ASSESS? OR TRACK? OR DETECT? OR DETERMIN?)
S4	1744	(SELECT OR SELECTS OR SELECTING)(5N)(SERVICE()PROVIDER? OR CONTRACTOR?)
S5	319629	GPS OR GLOBAL()POSITION?()SYSTEM? ?
S6	257646	(CONFIGUR? OR IDENTIF? OR COMPARING OR COMPARISON? ? OR RECOMMEND? OR SUGGEST? OR WHICH)(5N)(LOCATION? OR GEOGRAPH? OR TRAVEL?)
S7	86	AU=(COMBS, R? OR COMBS R? OR FLUGEL, W? OR FLUGEL W?)
S8	98	S1 AND (S2 OR S3)
S9	11	S8 AND S4
S10	11	S9 AND IC=G06F
S11	11	S8 AND S5
S12	11	S11 NOT S10
S13	4	S12 AND IC=G06F
S14	43	S8 AND S6
S15	34	S14 NOT (S10 OR S13)
S16	19	S15 AND IC=G06F
S17	2	S7 AND S1

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Sylvia Keys 27-Dec-05 03:44 PM

10/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01241617 **Image available**
SERVICE EXPECTATION MONITORING
SURVEILLANCE D'ATTENTES DE SERVICE
Patent Applicant/Assignee:
RIVER DYNAMICS PTY LTD, Suite 32, Jones Bay Wharf, 22-32 Pirrana Road, Pyrmont, NSW 2009, AU, AU (Residence), AU (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
HUDGEON Douglas Robert, River Dymanics Pty Ltd, Suite 32, Jones Bay Wharf, 22-32 Pirrana Road, Pyrmont, NSW 2009, AU, AU (Residence), CA (Nationality), (Designated only for: US)
BRAND Derek, River Dymanics Pty Ltd, Suite 32, Jones Bay Wharf, 22-32 Pirrana Road, Pyrmont, NSW 2009, AU, AU (Residence), AU (Nationality), (Designated only for: US)
BRAND Marie, River Dymanics Pty Ltd, Suite 32, Jones Bay Wharf, 22-32 Pirrana Road, Pyrmont, NSW 2009, AU, AU (Residence), AU (Nationality), (Designated only for: US)
Legal Representative:
FREEHILLS PATENT AND TRADE MARK ATTORNEYS (agent), Level 32,, MLC Centre, 19-29 Martin Place, Sydney, NSW 2000, AU,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200550496 A1 20050602 (WO 0550496)
Application: WO 2004AU1631 20041124 (PCT/WO AU04001631)
Priority Application: AU 2003906465 20031124
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
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(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
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Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

English Abstract
There is disclosed a method and system for **selecting** a **service provider** to perform a particular service based on historical expectation differential data. The expectation differential data...

Detailed Description
... allowing a service user to quantify and compare the desirability and/or performance of competing **service providers** , and to **select** a **service provider** to perform a particular service.

Background of the invention
Potential purchasers of goods are often...

4 A **computerised** method as claimed in any one of the preceding claims which further includes defining at...

...at least in part by one or more of the following: a buyer, a chosen **service provider** , a **third party** ,

11 A **computerised** method according to any one of claims 5 to 1 0 which includes: enabling at...

...providers
a service plan proposed by the service supplier
one or more quotations provides respective **service providers** . 16 A **computerised** method according to claim 15 wherein setting at least one performance expectation for the performance...

...a service plan proposed by the service supplier
one or more quotations provided by respective **service providers** .
21 A **computerised** method as claimed in any one of claims 18 to 20 which includes enabling variation...

...a service plan proposed by the service supplier
one or more quotations provided by respective **service providers** .

26 A **computerised** method as claimed in either of claims 25 or 26 an expectation
variation criterion is...

...to 28 or 38 to 40.

30 A computer system to enable a buyer to **select** a **service provider** for performing a
service, said system including:
an enquiry processing component configured to receive and...

...response to said query to arrive at comparable expectation differential data in respect of said **service providers** for enabling the buyer to **select** a **service provider** , on the basis of said comparable expectation differential data, to perform the particular service,
31...

...a service plan proposed by the service supplier
one or more quotations provided by respective **service providers** .

40 A **computerised** . method as claimed in either of claims 38 or 39 to 27 which includes, storing...

...service plan proposed by the service supplier
0 one or more quotations provided by respective **service providers** .

40 A **computerised** method as claimed in either of claims 38 or 39 to 27 which includes, storing...

10/3,K/2 (Item 2 from file: 349)

00806384
NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND METHOD THEREOF

GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE

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Inventor(s):
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Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139030 A2 20010531 (WO 0139030)
Application: WO 2000US32324 20001122 (PCT/WO US0032324)
Priority Application: US 99444775 19991122; US 99447621 19991122
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
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Fulltext Word Count: 171499

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description

... a networkbased supply chain. Utilizing a network, information is received information from at least one **service provider** . This information includes information relating to present network assets of the service provider. Infort-nation...the present network assets of service provider I 0 and the manufacturer. Based on this **determination** , the optimizing of the network assets is managed.

In an embodiment of the present invention...

...system for combined industry supply management between one or multiple manufacturers and one or many **service providers** and/or vendors and/or resellers;
Figure 3 is a flowchart for a process for...In an aspect of the present invention, the order request may be received ftom the **service provider** utilizing the network. Similarly, in another aspect of the present invention, the requested order may...assets needed for the service provider and manufacturer based on the present network assets of **service provider** and the manufacturer. Based on this determination, the optimizing of the network assets is managed...

...embodiment of the present invention, the roll-out of services provided by the 1 5 **service providers** and manufacturer offerings provided by the manufacturers may be managed ilizing the network based on...Solution-The integrated network management solution template consists of a suite of best of breed **third party** software products that

Tracks user license entitlements
Creates an **electronic** license entry on backend systems
Sends electronic license to user
As shown in Figure 64...of confidential information),
(4) management of financial processes, and
187
(5) pathways of handling for **electronic** content, content and/or appliance control information, **electronic** content and/or appliance usage information and payment and/or credit.

WAF agreements may define...

Claim
... rollout
management 0 Technology
0 Technology Sharing
sharing
Main Enablers
Collaborative 0 Supply chain E **Electronic** order N Asset **tracking** tool 0 Plaru
planning tool planning tool capture 0 Life cycle E NetvA
New installation...

10/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00806383
COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF
PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET PROCEDE ASSOCIE
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139029 A2 20010531 (WO 0139029)
Application: WO 2000US32309 20001122 (PCT/WO US0032309)
Priority Application: US 99444655 19991122; US 99444886 19991122
Designated States:
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AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
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Publication Language: English

Filing Language: English
Fulltext Word Count: 157840

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... vendors and/or resellers, etc. For clarity, the majority of the following discussion will discuss **service providers** , but it should be kept in mind that the present invention will operate equally well...of the present invention, the Installation Management component, may include the following benefits to the **service provider** by looking at Figure 4 in closer detail: faster time to site integration, rapid integration... Solution- The integrated network management solution template consists of a suite of best of breed **third party** software products that **automate** problem diagnosis, notification, custom-developed reporting, and IP services
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solution vision.

Web-Based SLA...

...of the day-to-day operational functions required to maintain the system (e.g. fault **detection** / correction, security management and performance management).

Production Control
Monitoring and Control
Fault Management
Security Management...order to develop, test and launch new IN service applications on the above mentioned components, **service providers** deploy Service Creation Envirom-nent (SCE) platforrns, which provide an environment to quickly create new...

...of their networks (PSTN) but have realized very little financial benefits from this usage because **third party service providers** have been the termination point of these intemet data users. The incumbents have began to...

...Of Presence.

Due to the high growth in IP and other data services, many new **service providers** have emerged that are building only IP based data networks, and provide only EP based...

...field) service providers continue to exploit their advantage, it has become necessary for many incumbent **service providers** to transition their "Core" network to the "Next Generation Network", where they
57
New IP...commerce activities e.g. banking, shopping, 5 customer care, education, etc. As the NGN matures **third party** value added service providers will develop IP based services that will combine applications such as...80
In an eighth check 3702 on a call 3602, a switch 1206-121 0 **determines** if the time and charges feature was used by an operator. The time and charges...record must be used to store the call information pertaining to the telephone call. After **determining** which call record to use, the switch generates the default or expanded call record. The...Oracle via

Tracks user license entitlements
Creates an **electronic** license entry on backend systems
Sends ...then a CPU-locked distribution system may be more appropriate. The trade-off point is **determined** by the relative pricing between the two distribution systems.

For environments where many users need...ensures the rights of each party to an electronic agreement regarding a wide range of **electronic** activities related to **electronic** information and/or appliance usage.

Electronic Agreements and Rights Protection
An important feature of WAF...

...5) infrastructure service and device providers such as telecommunication companies and hardware manufacturers (semiconductor and **electronic** appliance and/or other computer system manufacturers) who receive compensation based upon the use of...

...may support.

(a) secure electronic distribution of information, for example commercial literary properties,
(b) secure **electronic** information usage **monitoring** and reporting,
(c) secure financial transaction capabilities related to both **electronic** information and/or appliance usage and other **electronic** credit and/or currency usage and administration capabilities, (d) privacy protection for usage infonnation a...E-MAIL)
Targets e-mails to visitors based on profile and category system
Logs and **tracks** outbound messages
Automates regular communication triggered by events
Tracks email responses for campaign management statistics
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In operation 6610, shown in Figure 66, the...

Claim
... 0 Technology management Sharing 0 Technology sharing Main Enable N Collaborative 0 Supply chain 0 **Electronic** order E Asset **tracking** tool N Plann planning tool planning tool capture 0 Life cycle N Netw 0 New...

10/3,K/4 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00806382
METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE
PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHE ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHE
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)

Inventor(s):
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HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139028 A2 20010531 (WO 0139028)
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
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Publication Language: English
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Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... whether to use Netcentric technology-, Figure 88 is a chart that can be utilized to **determine** whether to use Client Server technology; Figure 89 is a chart that can be utilized to **determine** whether to use Host technology; Figure 90 illustrates an eCommerce Application Framework in a Development...order
processing on an eCommerce implementation;
Figure 109 illustrates a flowchart for a method for **electronically** serving a customer over a
network in accordance with an embodiment of the present invention...
perforined. Today, most personal computer software accomplishes this by means of an event loop which **monitors** the mouse, keyboard, and other sources of external events and calls the appropriate parts of...
customers, new businesses and channels, etc. Further, under the system of the present invention, the **service providers** would be allowed to migrate from operations focus to strategic technology and market management.

The...

...boxes indicate that a particular benefit for that particular component may be attributed to a **service provider** . The "M" boxes indicate that a particular benefit for that particular component may be attributed ... of the present invention, the Installation Management component, may include the following benefits to the **service provider** by looking at Figure 4 in closer detail: faster time to site integration, rapid integration...

...and simplified processes.

Lastly, in this illustrative embodiment of the present invention,

benefits for the **service provider** under the Maintenance and Service component may include: better on-line network performance, and distribution...

...Figure 5, the creating of an environment for new business relationships with respect to the **service provider** 506 provides an open access channel for new service offerings from the manufacturer so that...

...provider utilizing a network. This information includes information relating to the service provided by the **service provider** . Also received utilizing the network is information from at least one manufacturer in operation 704...Simple Network Management Protocol (SNMP) and the Object Management Group's (OMG) Common Object Request **Broker** Architecture (CORBA).

Information Services Manage
The information services manager provides the data management and data... Solution- The integrated network management solution template consists of a suite of best of breed **third party** software products that
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automate problem diagnosis, notification, custom-developed reporting, and IP services monitoring. This solution template is a...Of Presence.

Due to the high growth in IP and other data services, many new **service providers** have emerged that are building only IP based data networks, and provide only IP based...of the engagement..

Market Trial
Develop and launch a market trial that would measure and **assess** the viability of the introduction of the proposed service. Additionally, this trial validates the approach...

...changes to create efficiency based on consolidation of processes, as well as measurement tools to **determine** the success of such consolidation. The network architecture roadmap and business blueprint will act as...usage information for rating and billing.

This process ensures that the Network Performance goals are **tracked** , and that notification is provided when they are not met (threshold exceeded, performance degradation). This...

...events occurring over a hybrid network. Next, in step 1402, the data is analyzed to **determine** a status of the hybrid network which in turn, in step 1404, is utilized during...

...and for QoS violations, notifying Service Quality Management 1304.

The aim is to provide effective **monitoring** . **Monitoring** and reporting must.

provide SP management and customers meaningful and timely performance information across the...

...include customer inquiries, required reports, completion notification, quality of service terms, service level agreement terms, **service** problem data, quality data, network performance data, and/or network configuration data. Next, in step...

...1304 supports monitoring service or product quality on a service class basis in order to **determine** .

this subsidy would be dependent on the amount...

...order transactions on backend systems
Places actual order with fulfillment house for physical shipping
Sends **electronic** fulfillment to the user
177
Provides order confirmation and tracking number
Supports micropayment processing
Another...the article ordered by the customer from a storage location for the article at the **automated** store, the host computer communicating with the system for retrieving, wherein a plurality of articles...

...detecting an inventory level threshold below which inventory of the article is to be restocked.

ELECTRONIC LICENSE DISTRIBUTION AND MANAGEMENT
Tracks user license entitlements
Creates an **electronic** license eiritry on backend systems
Sends electronic license to user
As shown in Figure 64...electronic inforination,
(2) financial service (e.g. credit) providers,
(3) users of (other than financial **service** **providers**) infortriation arising from content usage such as content specific demographic information and user specific descriptive...may support.

(a) secure electronic distribution of information, for example commercial literary properties,
(b) secure **electronic** information usage **monitoring** and reporting,
(c) secure financial transaction capabilities related to both electronic information and/or appliance...

Claim
... management 0 Technology
0 Technology Sharing
sharing
Main Enablers
0 Collaborative N Supply chain N **Electronic** order 0 Asset **tracking** tool N PI
planning tool planning tool capture 0 Life cycle E N
0 New...

10/3,K/5 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00787004 **Image available**
SYSTEM AND METHOD FOR BROKERING RATED SERVICES
SYSTEME ET PROCEDE POUR LE COURTAGE DE SERVICES COTES
Patent Applicant/Inventor:
CHRIST Michael A, 404 - 518 13th Street, New Westminster, British Columbia V3M 4L9, CA, CA (Residence), CA (Nationality)
Legal Representative:
MANNING Gavin N (agent), Oyen Wiggs Green & Mutala, 480 - 601 West Cordova Street, Vancouver, British Columbia V6B 1G1, CA,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200120491 A2 20010322 (WO 0120491)
Application: WO 2000CA1057 20000913 (PCT/WO CA0001057)
Priority Application: US 99395732 19990914
Parent Application/Grant:

Related by Continuation to: US 99395732 19990914 (CIP)
Designated States:
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
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Main International Patent Class: **G06F-017/30**
Fulltext Availability:
Detailed Description

English Abstract
...with specific service providers. Such information may be provided to prospective customers for use in **selecting** a **service provider** . Such information may also be provided to service providers for use in improving their service...

Detailed Description
... to hire a roofer, mechanic, plumber, gardener, lawyer, cleaner, engineer, tutor, music teacher, graphic artist, **electronics** repairer, consultant, accountant or other **service provider** , the consumer often has great difficulty in finding information useful for evaluating the different service...businesses or "service providers". The system provides potential consumers of services with an opportunity to **select** a **service provider**0 with reference to the service provider's capabilities, availability, price and references provided by the... provider that it has received a request for services of the type provided by the **service provider** . This is preferably done by **electronically** communicating via network 10 with a computer 43 of the service provider. For example, facility...to the user's service request. The user may use such user satisfaction information in **selecting** a **service provider** to provide the needed service. The user can then contract with the selected service provider...lists specific services within the category. The categories could, for example, be things such as " **REPAIRS** ", "ADVICE", " **BUILDING** AND RENOVATIONS", "CLEANING", "DESIGNING". "LESSONS", and so on. Form 300 includes a logo 305 of...

...radio button 312B. The user can specify that the services will be performed at the **service provider** 's premises by **selecting** radio button 312C. The user can specify a different address by selecting radio button 312D...which includes the user's e-mail address and/or telephone number and sending the **electronic** mail message 214 to the **service provider** 's computer 43 over network 10, automatically generating a facsimile memorandum and sending that memorandum...

10/3,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00761429

METHODS, CONCEPTS AND TECHNOLOGY FOR A VIRTUAL SHOPPING SYSTEM CAPABLE OF ASSESSING NEEDS OF A CUSTOMER AND RECOMMENDING A PRODUCT OR SERVICE BASED ON SUCH ASSESSED NEEDS

PROCEDES, CONCEPTS ET TECHNOLOGIE POUR SYSTEME D'ACHAT VIRTUEL CAPABLE D'EVALUER LES BESOINS D'UN CLIENT ET DE RECOMMANDER UN PRODUIT OU UN SERVICE SUR LA BASE DE CES BESOINS

Patent Applicant/Assignee:
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Inventor(s):
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MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,
Legal Representative:
BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200073955 A2 20001207 (WO 0073955)
Application: WO 2000US14357 20000524 (PCT/WO US0014357)
Priority Application: US 99321495 19990527
Designated States:
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AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
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Publication Language: English
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Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description

... the technology using an existing network framework is compiled in operation 36a. Priority may be **determined** based on a requirement that certain components be in place before other components will perform...
Personal Calendars
Group Scheduling
Calendar Security
Product5 Internet A web server package solution that includes **third** - **party** Internet and security products including the following.

Server Software Product5 Administration Software - provides Bundle server...centralized management for networks of up to I 00 nodes.

Product features include the following.

Monitoring of events and network health for multiple local and remote environments
Distribution of management data...

...of Internet applications. Business2 also provides applications with out-of-the-box functionality such as **electronic** commerce.

repository and with system **building** tools such as window painters and Application Logic Design tools. If the tool does not...should also be given as to the extensibility of the toolset via add-ons and **third party** products.

g) What databases are supported?
h) What protocols are used to communicate with the...using packaged components is that the vendor will make changes to the component interfaces. When **selecting** packaged components make sure the vendor guarantees backwards compatibility of all the existing interfaces provided...the exact functionality that is required of the target system because they are created by **third parties** . They may have to be configured in order to behave in the desired fashion. The...The debugger allows the developer to enter program break points and step through a program, **tracking** the progress of execution and identifying errors interactively. It is typically used in conjunction with...very effectively.

Test Planning
A Test Plan consists of several components.

Test schedule
Test execution **tracking**
Test cycles
Test scripts
159
Test conditions
Test condition generation
Input data
Expected results
Test...investment of the organization. Generally agreed upon in the SLAs, maintenance contracts are carried out, **monitored** and recorded for each asset as appropriate.

Administration (1326)
Billing and Accounting
Billing & Accounting gathers...

10/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00490978 **Image available**
METHOD AND SYSTEM FOR CONSOLIDATING AND DISTRIBUTING INFORMATION
PROCEDE ET SYSTEME DE CONSOLIDATION ET DE REPARTITION DES INFORMATIONS
Patent Applicant/Assignee:
JOHNSON Janice,
Inventor(s):
JOHNSON Janice,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9922330 A1 19990506
Application: WO 98US21006 19981001 (PCT/WO US9821006)
Priority Application: US 97960755 19971029
Designated States:
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AL AU BA BB BG BR CA CN CU CZ EE GE HR HU ID IL IS JP KP LC LK LR LT LV
MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU GH GM KE LS MW SD
SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE

IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 18771
Main International Patent Class: **G06F-019/00**
International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

English Abstract
...service recipient and service provider(s). Supported features include service authorization, messaging, diagnostic services, coverage **determination** , billing, and **electronic** payment.

Detailed Description
... amount charged to that 5 carrier. The Insurance carrier can then pay the bill by **electronically** transferring funds to the **service provider** 's account at a specified payment interval. Payment histories can be also be electronically transferred...the amount charged to that carrier. The insurance carrier can then pay the bill by **electronically** transferring funds to the **service provider** 's account at a specified payment interval. Payment histories can be also be electronically transferred...for informational updating, routing and messaging, centralized servicing including database maintenance, remote systems management, customer **servicing** , funds transfer processing, data **warehouse** querying, statistical analysis processing, exception processing, record and processing overrides, and service billing and accounting...A manual review procedure for handling exceptions, appeals and questions can then be initiated.

Patient **automated** referrals 1 10 identifies specialist **service providers** , hospitals, and clinics participating in a Health/Benefit plan, as defined in the service provider...

...requesting service provider for display in a selectable GUI on the service provider computer. The **service provider** can then **select** the record for the desired referral provider.

The service provider database search can be limited...the automated service and authorization features of the central host(s) eliminates the problems of **selecting** referral **service providers** covered by the service recipient's plan(s), and identifying payment responsibility for treatment.

Further...can have video display modules, identified by the standard system diagnostic codes, which allow the **service provider** to **select** video diagnostic help through the standard GUL allowing the service provider to view training steps...
...s record manually or through an electronic automated interface into the record, such as through **electronic monitoring** devices, and other patient care equipment for adding data, images or other formats into the record. Because the service recipient's health care history information is readily updated using the **electronic** network, a health care **service provider** can monitor subsequent service recipient care and the reporting of any adverse reactions.

The preferred...referred specialists for later response. Using software operable on the
29
provider's computer, the **service provider** can **select** procedural and/or medication codes to run a conflict search against the service

recipient record...in the record, if requested by the service provider.

If a referral was requested, the **service provider** can **select** a **service provider** from, the on-screen returned list, send a message to the selected referral service provider the **service provider selects** an item and, if it is a reference only, can choose to see the entire record, including images, video or other forms of multimedia. The **service provider** can **select** diagnostic, treatment, procedure or medication codes and electronically add them to the service recipient's ...

...displayed visually on the screen and can in addition provide an audio signal, allowing the **service provider** to **select** a different care option.

to If the alerted care component is kept in the treatment...reflect manually received payments and adjustments to records. The preferred embodiment of the invention provides **electronic** payment services between **service providers** and medical insurer/benefit providers (as described from the Medical Insurers' Service Payment Accounting functions ...

...recent payments or any combination of the above) for use in off-line administrative processing. **Electronic** messages to the **service provider** including communications, exceptions and other exchanges can also be downloaded. The service provider can then...

10/3,K/8 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

017100770 **Image available**
WPI Acc No: 2005-425108/200543
XRPX Acc No: N05-345063
Computerized **method for** selecting service provider **to perform particular job, involves acquiring comparable expectation data from processed historical data associated with particular service, for** selecting service provider
Patent Assignee: RIVER DYNAMICS PTY LTD (RIVE-N)
Inventor: BRAND D; BRAND M; HUDGEON D R
Number of Countries: 108 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200550496	A1	20050602	WO 2004AU1631	A	20041124	200543	B

Priority Applications (No Type Date): AU 2003906465 A 20031124
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200550496	A1	E	42	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW
Computerized **method for** selecting service provider **to perform particular job, involves acquiring comparable expectation data from**

processed historical data associated with particular service, for selecting service provider

Abstract (Basic):
... the particular service. The comparable expectation data are acquired from the processed historical data, for **selecting** a **service provider** . The historical data is then updated by incorporating the acquired expectation data.
... 1) recording medium storing program for **selecting service provider** to perform particular service; and...

...2) computer system for **selecting service provider** to perform particular service...

...For **selecting** service provider to perform particular service such as purchase of goods/services in organization, to allocate job to medical specialist in hospital, to complete **repairs** to damaged property in **building** firms, using computer system (claimed) connected to network such as internet, enterprise internet, local area...

...Allows user to quantify and compare the desirability and performance of competing **service providers** , and to **select** a **service provider** to perform a particular service, easily and effectively...
International Patent Class (Main): **G06F-017/60**

10/3,K/9 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014845115 **Image available**
WPI Acc No: 2002-665821/200271
XRPX Acc No: N02-526774
Automated **building service** broker **for** monitoring **building fire alarm and security systems**, selects **particular** service provider **to respond to particular** maintenance **and** repair **event received from** building **system**
Patent Assignee: COMBS R (COMB-I); FLUGEL W (FLUG-I)
Inventor: COMBS R; FLUGEL W
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020095323	A1	20020718	US 2001759945	A	20010112	200271	B

Priority Applications (No Type Date): US 2001759945 A 20010112
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020095323	A1		14	G06F-017/60	

Automated **building service** broker **for** monitoring **building fire alarm and security systems**, selects **particular** service provider **to respond to particular** maintenance **and** repair **event received from** building **system**

Abstract (Basic):
... An event handler receives maintenance and **repair** events from a communicatively linked **building** system. A selector in response to the received event, **selects** a particular **service provider** suitable for maintenance and repair of the system, based on a geographic position of the...
... 1) **Automated** building services **broker** system...

International Patent Class (Main): **G06F-017/60**

10/3,K/10 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI

017100770 **Image available**
WPI Acc No: 2005-425108/200543
XRPX Acc No: N05-345063
Computerized **method for** selecting service provider **to perform particular job, involves acquiring comparable expectation data from processed historical data associated with particular service, for** selecting service provider
Patent Assignee: RIVER DYNAMICS PTY LTD (RIVE-N)
Inventor: BRAND D; BRAND M; HUDGEON D R
Number of Countries: 108 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200550496	A1	20050602	WO 2004AU1631	A	20041124	200543	B

Priority Applications (No Type Date): AU 2003906465 A 20031124
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200550496	A1	E	42	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW
Computerized **method for** selecting service provider **to perform particular job, involves acquiring comparable expectation data from processed historical data associated with particular service, for** selecting service provider

Abstract (Basic):
... the particular service. The comparable expectation data are acquired from the processed historical data, for **selecting** a **service provider** . The historical data is then updated by incorporating the acquired expectation data.
... 1) recording medium storing program for **selecting service provider** to perform particular service; and...

...2) computer system for **selecting service provider** to perform particular service...

...For **selecting service provider** to perform particular service such as purchase of goods/services in organization, to allocate job to medical specialist in hospital, to complete **repairs** to damaged property in **building** firms, using computer system (claimed) connected to network such as internet, enterprise internet, local area...

...Allows user to quantify and compare the desirability and performance of competing **service providers** , and to **select** a **service provider** to perform a particular service, easily and effectively...
International Patent Class (Main): **G06F-017/60**

10/3,K/11 (Item 2 from file: 351)
DIALOG(R)File 351:Derwent WPI

014845115 **Image available**
WPI Acc No: 2002-665821/200271
XRPX Acc No: N02-526774
Automated **building service** broker **for** monitoring **building fire alarm and security** systems, selects **particular** service provider **to respond to particular** maintenance **and** repair **event received from** building **system**
Patent Assignee: COMBS R (COMB-I); FLUGEL W (FLUG-I)
Inventor: COMBS R; FLUGEL W
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020095323	A1	20020718	US 2001759945	A	20010112	200271	B

Priority Applications (No Type Date): US 2001759945 A 20010112
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020095323	A1		14	G06F-017/60	

Automated **building service** broker **for** monitoring **building fire alarm and security systems**, selects **particular** service provider **to respond to particular** maintenance **and** repair **event received from** building **system**

Abstract (Basic):
... An event handler receives maintenance and **repair** events from a communicatively linked **building** system. A selector in response to the received event, **selects** a particular **service provider** suitable for maintenance and repair of the system, based on a geographic position of the...
... 1) **Automated** building services **broker** system...
International Patent Class (Main): **G06F-017/60**
?

13/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01144141 **Image available**
SYSTEM AND METHOD FOR AUTOMATED PLACEMENT OR CONFIGURATION OF EQUIPMENT FOR OBTAINING DESIRED NETWORK PERFORMANCE OBJECTIVES AND FOR SECURITY, RF TAGS, AND BANDWIDTH PROVISIONING
SYSTEME ET PROCEDE POUR LE PLACEMENT OU LA CONFIGURATION AUTOMATIQUE D'EQUIPEMENT POUR L'OBTENTION D'OBJECTIFS DE PERFORMANCE SOUHAITES ET POUR LA SECURITE, ETIQUETTES RF, ET FOURNITURE DE BANDE PASSANTE
Patent Applicant/Assignee:
WIRELESS VALLEY COMMUNICATIONS INC, 2404 Rutland Drive, Suite 700, Austin, TX 78758, US, US (Residence), US (Nationality), (For all designated states except: US)
Inventor(s):
RAPPAPORT Theodore S, 1704 West Avenue, Austin, TX 78758, US,
SKIDMORE Roger R, 12100 Metric Blvd, #722, Austin, TX 78758, US,
Legal Representative:
WHITHAM Michael E (et al) (agent), Whitham, Curtis & Christerofferson, PC, 11491 Sunset Hills Road, Suite 340, Reston, VA 20190, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200466077 A2 20040805 (WO 0466077)
Application: WO 2004US1372 20040116 (PCT/WO US04001372)
Priority Application: US 2003441315 20030122; US 2003386943 20030313; US 2003714929 20031118
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 39544

Main International Patent Class: **G06F**
Fulltext Availability:
Detailed Description

Detailed Description
... and N. Zhang, "Use of Topographic Maps with Building Information to Determine Antenna Placements and **GPS** Satellite Coverage for Radio Detection and Tracking in Urban Environments," MPRG Technical Report MPRG-TR...

...January 1999 Wireless Review Magazine, and other corporations such as CeIPIan and Safco have implemented **Automated** Frequency Planning that iteratively **determines** good channel assignments for transmitters in cellular radio systems.

The above-mentioned design tools have...

...color or flat, two-dimensional contour

regions. None of the aforementioned design tools have an **automated** facility for **determining** the ideal configurations or establishing pre-set
operating points for wireless LAN transceivers or other...

...desired overall or individual network performance.

Furthermore, none of the aforementioned design tools contemplate an **automated** facility for **determining** the ideal configurations for wireless
data transceivers modeled in a 3-D environment in order...data access provisioning.

It is therefore an object of the present invention to facilitate the **automated** **determination** of desirable configuration settings for one or
more wireless transceivers and other network hardware in...

...in a communication network.

It is another object of the present invention to perform said **automated** **determination** of desirable configuration settings for transceivers and other network hardware in a communication network within...

...additional static and dynamic
obstacles.

It is another object of the present invention to perform **automated** **determination** of desirable configuration settings for one or more transceivers or hardware components in a commu...apartment number, owner or tenant,
latitude-longitud6-elevation i46rmation, floor number, basement or subterranean designation, **GPS** or Snaptrack reading, etc.), equipment 1 0 settings or configurations, desired or specified performance metrics ...using th@methods of Bahl (cited previously) or other
position"location methods such as SnapTrack, **GPS** , or inductive sensing, I 0 as well as other position location methods known now or...

...mobile or fixed in
place, and may be actual living beings or some form of **automated** data **monitoring** , recording, and reporting devices.

Figure 21 presents the logical diagram of a typical radio frequency...and wireless network management. The
addition of precise user position location, through global positioning system (**GPS**) data or through some other position location algorithm, complements the present invention very well. Although...

...is shown the warehouse of Figure 32. Wireless network
devices 3203 are distributed throughout the **warehouse** . If a **maintenance**
person or other authorized individual needs to locate a specific network device 3203, the person...

13/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00815071 **Image available**

AN INTERNET SYSTEM FOR CONNECTING CLIENT-TRAVELERS WITH GEOGRAPHICALLY-ASSOCIATED DATA

SYSTEME INTERNET PERMETTANT DE CONNECTER DES VOYAGEURS-CLIENTS A DES DONNEES GEOGRAPHIQUEMENT ASSOCIEES

Patent Applicant/Inventor:
GLORIKIAN Harry A, 49 Waverly St., Belmont, MA 02478, US, US (Residence), US (Nationality)
Legal Representative:
BOYS Donald R (agent), P.O. Box 187, Aromas, CA 95004, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200148624 A1 20010705 (WO 0148624)
Application: WO 2000US35250 20001222 (PCT/WO US0035250)
Priority Application: US 99474458 19991229; US 2000502407 20000210
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 14029

Main International Patent Class: **G06F-015/16**

Fulltext Availability:
Detailed Description

Detailed Description

... desk-top personal computers, which typically connect to the Internet through telephone lines and Internet **Service providers** (ISPs), Web TVs, **computerized** set-top boxes typically using cable services for connection, and a -wide variety of portable...Fig. 2.

Common to all examples of units 29 and 3 1, there is a **GPS** circuitry 57 for receiving signals from multiple **GPS** satellites and for determining a location for-the unit from the satellite signals. Such **GPS** systems are known in the art, but not necessarily in combination with other elements as disclosed herein. **GPS** system 57 communicates on bus 67, and the net effect is, that in operation, the...

...times that the unit is in operation.

In some (OEM) embodiments of the invention the **GPS** apparatus is integrated into the circuitry of the portable units. In others, an add-on **GPS** unit is provided that may be attached to and connected to an existing portable unit...

...other cases an add-on unit may be provided that adds cell-telephone capability and **GPS** capability to an existing portable computing unit that has neither capability. Such add-on units...

...to a WAP-SP. Thenceforth periodic requests are transmitted from the portable unit along with **GPS** position, updating the info to server 13. In other embodiments software 42 may provide a...Martids Hundred, the

from a local positioning system in many indoor locations, as previously ...in Spain, which are tagged by location and defined sub-regions (see above for defined **GPS** regions) for the time window, and builds one or more itineraries for a proposed trip...server. Then, when the subscriber makes the tour, helshe may access the service with a **GPS** -enabled hand-held device, as described in detail above, and receive real-time guidance according...location, and information may then by organized by defined regions within the location. Within one **building** , for example, an electrical **maintenance** worker my be provided with electrical diagrams and schematics pertinent to a building according to...

...automatically reports location to the remote database. A network-connected appliance without, for example a **GPS** system or another position pinpointing system may be used by a person to enter location...

...appliances described above. A device according to the invention may be simply a box having **GPS** and an Internet connection reporting position to the remote system (server 13). An authorized person...be for example one of either a local position determination system (indoor application) or a **GPS** system; or both may be present. In the selection of information to be provided to...

13/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

00805494 **Image available**

HEALTH MANAGEMENT SYSTEM WITH CONNECTION TO REMOTE COMPUTER SYSTEM

SYSTEME DE GESTION SANITAIRE RELIE A UN SYSTEME ORDINATEUR DISTANT

Patent Applicant/Assignee:
HEALTHETECH INC, Suite 120, 433 Park Point Drive, Golden, CO 80401, US, US (Residence), US (Nationality)

Inventor(s):
MAULT James R, 1580 Blakomb Court, Evergreen, CO 80439, US,

Legal Representative:
WATHEN Douglas L (et al) (agent), Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, PC, 280 N. Old Woodward Ave., Suite 400, Birmingham, MI 48009, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200139089 A1 20010531 (WO 0139089)
Application: WO 2000US32331 20001124 (PCT/WO US0032331)
Priority Application: US 99167276 19991124; US 2000177011 20000119; US 2000177009 20000119; US 2000177016 20000119; US 2000178979 20000128; US 2000194126 20000403; US 2000195779 20000410; US 2000200428 20000428; US 2000201902 20000504; US 2000207051 20000525; US 2000207089 20000525; US 2000209921 20000607; US 2000721382 20001122

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 14196

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... or goals (box 44), such as.a weight goal (weight loss, weight gain, or weight **maintenance**),,fat loss, muscle **building** , blood pressure reduction, blood sugar control, and the like. In this specification, for convenience, we...an activity and 1 5 enters a duration.
A button on the PDA 10, activity **monitor** 16, or other portable **electronic** device can be pressed at the beginning and end of an exercise to provide time...

...comprising one or more accelerometers. Other types of activity monitors may be used, for example **GPS** -based monitors as described in U.

13/3,K/4 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00563510 **Image available**
LAND VEHICLE COMMUNICATIONS SYSTEM AND PROCESS FOR PROVIDING INFORMATION AND COORDINATING VEHICLE ACTIVITIES
SYSTEME DE COMMUNICATION POUR VEHICULE TERRESTRE ET PROCEDE POUR FOURNIR DES INFORMATIONS ET COORDONNER LES ACTIVITES DE PLUSIEURS VEHICULES
Patent Applicant/Assignee:
INTERNATIONAL TRUCK AND ENGINE CORPORATION,
Inventor(s):
DIAZ R Gary,
GEMENDER John J,
DAGER Steven J,
BAUGHMAN Ronald L,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200026883 A2 20000511 (WO 0026883)
Application: WO 99US26132 19991105 (PCT/WO US9926132)
Priority Application: US 98107174 19981105
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 26675

International Patent Class: **G06F-019/00**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... vehicles for In the utility area, for instance, the multiplexed vehicle platforms will also include **electronic** seat sensors or other occupant **detection** devices to monitor the manning levels of the response vehicles, This information will be uplinked...GSN 105 is

comprised of a network of vehicle support facilities that may include parts **warehouses** , vehicle service and **maintenance** centers, information services (a.k.a. 'help desk') and road service providers such as tow...

...8 for driving the wheels 126. The engine 1 1 3 is 0 controlled and **monitored** by an engine **electronic** control module (ECM) 113a that is electrically engaged to the communication backbone 1 1 2...

...other monitored parameters. The transmission 114 if automatic or semi-automatic may be controlled and **m**onitored by a transmission **electronic** control module 114a that is electftally engaged to the communication backbone 112. The vehicle 111...lead controller, and the CCC 103 remotely. A navigation system such as those based on **GPS** and Dead Reckoning may be installed and engaged to the communication backbone 1 1 2...

...and directions to the closest location. Additionally, the indication of an abnormal condition the lead **electronic** controller is programmed for **monitoring** may be monitored through either the engine ECM 113a, the transmission ECM 114a, anti-lock...

Claim

... an internal communication backbone to which electronic controllers of the vehicle are electrically engaged, the **electronic** controllers **monitoring** certain vehicle components and the vehicle in contact with the off board communication network through...

...communication network, comprising the steps of:
receiving an indication of an abnormal condition in a **monitored** vehicle component from an **electronic** controller on the mobile vehicle through the vehicle internal
communication network and the communication means...an internal communication backbone to which electronic controllers of the vehicle are electrically engaged, the **electronic** controllers **monitoring** certain vehicle components and the vehicle in contact with the off board communication network through...axle with
wheels;
an internal communication backbone to which electronic controllers are electrically
engaged;
said **electronic** controllers **monitoring** certain vehicle components;
a lead **electronic** controller programmed for **monitoring** said certain vehicle
components through said electronic controllers;
said lead electronic controller programmed for communication...

...28 The vehicle of Claim 25, wherein:
the indication of an abnormal condition said lead **electronic** controller is programmed for **monitoring** is **monitored** through an anti-lock brake **electronic** control module.

29 The vehicle of Claim 25, wherein:
the indication of an abnormal condition said lead **electronic** controller is programmed for **monitoring** is **monitored** through an engine **electronic** control module.

30 The vehicle of Claim 25, wherein:
the indication of an abnormal condition said lead **electronic** controller is programmed for **monitoring** is **monitored** through a transmission **electronic** control module.

16/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01281068
An automated account opening system and method, and locations for utilizing an automated account opening system and method
Automatisiertes System und Verfahren zum Eroffnen eines Bankkontos und Platze zum Gebrauch eines automatisierten Systems und Verfahrens zum Eroffnen eines Bankkontos
Systeme et methode automatises pour ouvrir un compte bancaire, et endroits **pour utiliser un systeme et une methode automatises pour ouvrir un compte bancaire**
PATENT ASSIGNEE:
Canadian Imperial Bank of Commerce, (3172890), Commerce Court West, 15th Floor, Toronto, Ontario M5L 1A2, (CA), (Applicant designated States: all)
INVENTOR:
Jabbour, Anthony Michael, 696 Stonefield Loop, Heathrow, Florida 32746, (US)
Cassidy, Brian Michael, 387 Ash Road, Oakville, Ontario L6J 4P6, (CA)
LEGAL REPRESENTATIVE:
Viering, Jentschura & Partner (100645), Postfach 22 14 43, 80504 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1102224 A2 010523 (Basic)
EP 1102224 A3 020306
APPLICATION (CC, No, Date): EP 2000125446 001120;
PRIORITY (CC, No, Date): US 443266 991120
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G07F-019/00; **G06F-017/60**
ABSTRACT WORD COUNT: 213
NOTE:
Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200121	828
SPEC A	(English)	200121	11623
Total word count - document A			12451
Total word count - document B			0
Total word count - documents A + B			12451

...INTERNATIONAL PATENT CLASS: **G06F-017/60**
...SPECIFICATION for communicating with depository system 60. Kiosk 30 is a representation of a typical station **which** may be located at convenient **locations** , for example at or adjacent to a retail outlet. Kiosks 30 may be placed in...maintaining bank branches. These costs and issues include regulatory requirements, staffing requirements, higher rent and **building maintenance** and equipment **maintenance** . However, it can be appreciated that a traditional "bricks and mortar" branch may be incorporated...

...depository system 60 must first authenticate the existing client. Beginning at event 260, attendant 42 **determines** whether applicant 40 has an **electronic** banking card. If applicant 40 has a card, it is swiped through card reader 46...

...CLAIMS network comprising
an applicant system for receiving deposit account application information at a non-branch **location** from an applicant including applicant **identification** information and applicant's desired deposit product, and for transforming the applicant information into computer...

...applicant system that receives deposit account application information from an applicant at a non-branch **location** including applicant **identification** information, and a desired deposit product and that transforms applicant information into computer-readable deposit...

...from the applicant system;
automated means for processing the received application data to create a **computerized** qualification request to **determine** whether or not the applicant is qualified for the desired deposit account; and
automated means...

...processing a deposit account application comprising
receiving a customer application request at a non-branch **location** from an applicant including applicant **identification** information and applicant's desired deposit product;
transforming applicant information into computer-readable deposit account...

16/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01266530 **Image available**
SYSTEM AND METHOD FOR MANAGING THE DELIVERY OF ORDERS FOR GOODS
SYSTEME ET PROCEDE PERMETTANT DE GERER LA LIVRAISON DE COMMANDES DE MARCHANDISES
Patent Applicant/Assignee:
W W GRAINGER INC, 100 Grainger Parkway, Lake Forest, IL 60045-5201, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
THOMAS Andrew, 2405 Lincolnwood Drive, Evanston, IL 60201, US, US (Residence), GB (Nationality), (Designated only for: US)
Legal Representative:
JAROSIK Gary R (et al) (agent), Greenberg Traurig, LLP, 77 W. Wacker Drive, Suite 2500, Chicago, IL 60601-1732, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200572328 A2-A3 20050811 (WO 0572328)
Application: WO 2005US2299 20050125 (PCT/WO US05002299)
Priority Application: US 2004539921 20040128
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 6367

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... and control route-based delivery of orders for goods (e.g., packages) from a central **servicing warehouse** of a vendor to one or more locations easily accessible by customers.

BACKGROUND
In the...

...particularly, for manifesting and controlling route-based delivery of orders for goods from a central **servicing warehouse** of a vendor to one or more locations easily accessible by customers.

An appreciation of...

...provides for manifesting and controlling route-based delivery of orders for goods from a central **servicing warehouse** of a vendor to one or more locations easily accessible by customers. Generally, the customer...

...heavy traffic.

To initiate the delivery, orders for goods are preferably received at a central **servicing warehouse** for picking, packaging, and staging for delivery via a delivery truck, as is illustrated in...

...Ordering may be accomplished by a customer calling a customer service representative associated with central **servicing warehouse** . Orders could also be generated manually or automatically to restock inventories at remote sites that...

...reorder points. It will also be appreciated that orders may be directed to the central **servicing warehouse** by means of an
3
Internet Web site, e-mail, EDI, or the like using...

...with alternative means for receiving the goods. It is to be appreciated that the eligibility **determinations** may be fully or partially **automated** without limitation.

When it is **determined** that the requested goods may be delivered to the customer via the processes described hereinafter...

...determine if, in fact, the requested goods are in stock and available at the central **servicing warehouse** . It will be appreciated that this availability process may be perfon-ned manually and/or...

...of accident, and as required by law. Labels may also be applied to shipping containers **which** indicate the put away **location** of the orders or packages at the ship-to site to simplify and improve the...

...route driver to pick up other goods or items for return to a storing or

servicing warehouse (e.g., returned goods, abandoned deliveries, empty containers, etc.) while providing a means to control...

Claim
... system for facilitating and controlling route-based delivery of orders for goods from a central **servicing warehouse** to a network of remote ship-to sites, comprising: a manifesting system for implementing a...

...location and status of the orders for goods, associated inventory of goods in the central **servicing warehouse** , and the hand-off at a ship-to site of custody of an order for...

...vendor to update records to reflect that the orders for goods have left the central **servicing warehouse** and are on route to remote ship-to sites.

5 The system as recited in...

...functions to notify a vendor to expect the goods for receipt back at the central **servicing warehouse** .

17 The system as recited in claim 16, wherein the manifesting process responds to a...
...claim 18, wherein receipt of the goods to be returned is confirmed by the central **servicing warehouse** and entered into the manifesting system.

20 The system as recited in claim 2, wherein...

...method for facilitating and controlling route-based delivery of orders for goods from a central **servicing warehouse** to a network. of remote ship-to sites, comprising: managing and documenting the location and status of the orders for goods, associated inventory of goods in the central **servicing warehouse** , and the hand-off at a ship-to site of custody of an order for...

...vendor to update records to reflect that the orders for goods have left the central **servicing warehouse** and are on route to remote ship-to sites.

25 The method as recited in...

...functions to notify a vendor to expect the goods for receipt back at the central **servicing warehouse** .
37 The method as recited in claim 34, wherein the manifesting process responds to a...

...in claim 36, comprising confirming receipt of the goods to be returned at the central **servicing warehouse** and entering information concerning the return into the manifesting system.

40 The method as recited...

16/3,K/3 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01134270 **Image available**
ENGINEERING DATA INTERFACE AND ELECTRICAL SPECIFICATION TRACKING AND

ORDERING SYSTEM

INTERFACE DE DONNEES TECHNIQUES ET SYSTEME ELECTRIQUE DE SUIVI ET D'ORGANISATION DES DESCRIPTIFS

Patent Applicant/Assignee:
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Inventor(s):
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Legal Representative:
GOVER Melanie G (et al) (agent), Post Office Box 33427, Saint Paul, MN 55133-3427, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200455643 A2 20040701 (WO 0455643)
Application: WO 2003US39715 20031212 (PCT/WO US03039715)
Priority Application: US 2002319035 20021213; US 2003733746 20031211
Designated States:
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AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7076

Main International Patent Class: **G06F**
Fulltext Availability:
Detailed Description

English Abstract
A portable **electronic** engineering data interface and **tracker** that includes a host system which receives written or electronic engineering data from an engineering...

Detailed Description
... markers may be printed off site and delivered in a labeled package designating the intended **location** of said markers. **Identification** products that have been ordered can be organized into at least one master carton. A...

...management, reducing rework, and making the as-built project I 0 archive available for the **maintenance** of a **building** .

BRIEF DESCRIPTION OF THE FIGURES
Fig. 1 is a digital image of an interactive computer...

...data entry is required.

1 0 Another aspect of the present invention is a portable **electronic** engineering data interface and **tracker** that includes a host system which receives written or electronic engineering data from an engineering ...

16/3,K/4 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01064162 **Image available**
SYSTEM FOR MANAGING REAL ESTATE PROPERTIES
SYSTEME DE SECURITE ET DE GESTION DE BIENS
Patent Applicant/Inventor:
ALONSO Jose M, 560 Weatherend Court, Alpharetta, GA 30022, US, US (Residence), US (Nationality)
BRITCHFORD-STEEL John A, 5890 Hershinger Close, Duluth, GA 30097, US, US (Residence), GB (Nationality)
Legal Representative:
COLTON Laurence P (agent), Technoprop Colton LLC, P.O. Box 567685, Atlanta, GA 31156-7685, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200393931 A2-A3 20031113 (WO 0393931)
Application: WO 2003US13434 20030430 (PCT/WO US03013434)
Priority Application: US 2002377013 20020430
Designated States:
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11491

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... the nightly cleaning staff to elaborate systems comprising internet or intranet reporting tools through which **building** managers or tenants can report **maintenance** worries. For many **office buildings** or complexes, the tenant is responsible for reporting any **maintenance** concerns, after which the **building** management then will attempt to rectify the concern. Often, the reporting system only comprises a...
...the previously discussed needs comprising an interactive system for reporting, tracking, and rectifying security and **maintenance** incidences in a **building** , in an office complex comprising a number of buildings, and/or for a property management...

...and property
management system comprising an interactive system for reporting, tracking, and rectifying security and **maintenance** incidences in a **building** , in an office complex comprising a number of buildings, and/or for a property management...

...functionality that

needs to be implemented. This includes maintaining a security guard list and access, **building** administration access, **building maintenance** tasks, scheduling the number of security guards, schedules for each station, status reports, operations instructions...

...all of the data for the system, including information about the various users, clients, properties, **buildings** , security systems and companies, **maintenance** companies, and any other data necessary or desired to operate the system. The Network Operation...
...Conquest location is being added with its address and telephone numbers. FIG. 12 illustrates a **location** set up page through **which** various **locations** of interest or importance within previously entered buildings can be defined. As an illustrative example...

...is a computer-based system for managing real properties, including, for example, the security and **maintenance** aspects of **buildings** and grounds. By using the system, property owners and managers, and their employees, can have...

...manage more than one building or other property simultaneously. Further, property management generally comprises a **building** , an owner, management, security, **maintenance** , and janitorial. This discussion is based primarily on security and secondarily on maintenance; however, both...

...incident and item reports. The user inputs information regarding the various personnel associated with the **buildings** such as security officers and **maintenance** personnel.

Once the basic information regarding the buildings and the personnel is entered into the...to alert the manager that the security guard is off schedule. This provides real time **automated tracking** and managing of schedules. I
One aspect of the PDA to system database linkage between...

16/3,K/5 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01016749 **Image available**
A HIERARCHICAL CONCEPTUAL FRAMEWORK USED TO MODEL AN ENVIRONMENT CONTAINING A COLLECTION OF ITEMS
CADRE CONCEPTUEL HIERARCHIQUE UTILISE POUR MODELISER UN ENVIRONNEMENT CONTENANT UNE COLLECTION D'ARTICLES
Patent Applicant/Assignee:
WORLDCOM INC, 500 Clinton Center Drive, Clinton, MI 39056, US, US (Residence), US (Nationality)
Inventor(s):
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GOLOBAY Mike, 3733, Blue Trace Lane, Dallas, TX 75244-5408, US,
MASON Willis, 7714 Spinnaker Cove, Rowlett, TX 75089-2620, US,
Legal Representative:
GROLZ Edwards w (agent), Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200346771 A1 20030605 (WO 0346771)
Application: WO 2002US38116 20021126 (PCT/WO US0238116)
Priority Application: US 2001995193 20011127

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 26885

Main International Patent Class: **G06F-017/30**
Fulltext Availability:
Detailed Description

Detailed Description
... level(s), if any, contained therein.

In the illustrated exemplary embodiment, zones typically represent physical **locations** in **which** equipment of a particular class is placed. In a preferred embodiment, racks cannot be placed...configuration library 128, a user is able to add items from product catalog 126 and **configuration** library 128 to particular **locations** within the enviroment modeled by the environmental hierarchy to create a graphical and intuitive view...capacity, efficiency rating, operating costs, etc. This information could be used, for example, by a **build**ing superintendent to accurately forecast **maintenance** and operating costs or to schedule selective maintenance and/or replacement of equipment. On the...selling (e.g., to determine a need to cancel orders or order additional merchandise), determine **which** **locations** and presentations of goods result in highest gross sales or profit, calculate total profit per...a user is able to add items from product catalog 126 and configured items from **configuration** library 128 to particular **locations** within the modeled warehouse environment (optionally utilizing the scanning technology discussed above) to create a graphical representation thereof can be utilized by humans or robots to identify a **location** in the warehouse at **which** to stock incoming items or remove outgoing items while maintaining a real-time inventory of...Staffing levels can be monitored in real time by providing inputs to SlteVu from an **electronic** time stamp system to **monitor** the arrival and departure of employees. In addition, prospective staffing levels may be projected through...levels of the environmental hierarchy preferably has associated tabular and graphical data within database 108, **which** may include legal or **geographic** descriptions, area, current and/or planned uses, current and/or planned development restrictions (e.g...

16/3,K/6 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00933152 **Image available**
EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM FOR RENTAL VEHICLE SERVICES
SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES, FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES

Patent Applicant/Assignee:
THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US , US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US , US (Residence), US (Nationality), (Designated only for: US)
DE VALLANCE Kimberly Amm, 2037 Silent Spring Drive, Maryland Heights, MO 63043, US, US (Residence), US (Nationality), (Designated only for: US)
HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US, US (Residence), US (Nationality), (Designated only for: US)
KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US (Residence), US (Nationality), (Designated only for: US)
SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US (Residence), US (Nationality), (Designated only for: US)
TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US (Residence), US (Nationality), (Designated only for: US)
KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
HAFERKAMP Richard E (et al) (agent), HOWELL & HAFERKAMP, L.C., Suite 1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200267175 A2 20020829 (WO 0267175)
Application: WO 2001US51437 20011019 (PCT/WO US0151437)
Priority Application: US 2000694050 20001020
Parent Application/Grant:
Related by Continuation to: US 2000694050 20001020 (CIP)
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 243912

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... tiered,
such as the assignee of the present invention. This is because the needs, both **geographically** and in volume, are significant **which** require the dedication of a significant amount of resources. To satisfy these needs and to...groups may be readily re-assigned to match
changing work loads without worrying about re- **configuring** hardware or internal network connections. This can be a very valuable feature to accommodate staffing...

...to
"totaling" a vehicle. The insurance industry totals about 3

million cars per year, of **which** approximately 17% are newer models (defined as within three years of current model year).

Once...dialing into the network over the internet, or through a portal. The type of data **which** could be processed includes virtually any related to the processing of vehicle rental transactions and...of communicating with the branch offices directly, a reservation may be communicated to a centralized **location** for further processing, such as a call center, and then relayed on to an appropriate...

...electronically and automatically, or with human intervention.

It should be noted that the particular computer **configuration** chosen as the preferred embodiment of the first parent's invention may itself be subject...as Exhibit D is a functional description of the software resident on computer 32 but **which** also appears on the server 28 **which** creates the web portal for access to the mainframe 32 and its resident program. Server...them through a firewall 66 as a further precautionary measure.

This first layer of architecture, **identified** as the Internet space/DMZ layer provides a secure interface and creates order out of...

...as AS/4001s 78, 80 may process reservations to and from various branch offices 82 **which** are **geographically** diverse.

With the invention, the Internet portal provided by the ARMS/WEB network configured servers...company to set a limit within the system of the total number of authorized days, **which** could be based on some other parameter such as labor hours or body shop hours...as someone at the supervisory level of either the insurance company or the service provider, **which** grants authority for performing certain work activities as well as possibly limiting the amount of monetary authority allowed that adjuster. A "screen shot" is attached **which** exemplifies such authorization, with work activities including creating/authorizing reservations, maintain/extend rentals, pay invoices...

...may pay for five days rental. This capability may also be further extended to independent **third parties** .

As extended for independent party management, this capability further adapts the invention for use with...

...all of which are found in other than domestic markets. Included herewith is an attachment **which** further explains the different types of independent parties routinely found at present,, and examples of "screen shots" **which** provide the additional functionality of customizing authorizations for each of these independent parties for interacting...

vehicle service providers each offering a plurality of specific **geographically** remote rental vehicle **locations** at **which** vehicles for rent are situated, said rental vehicle software program having access to a data...a plurality of said rental 10 vehicle service providers each offering a plurality of specific **geographically** remote rental vehicle **locations** at **which** vehicles for rent are situated, said rental vehicle software program having access to a data...

...business organization with a functional integrated computer system providing access to a plurality of diverse **geographic locations** at **which** vehicles for rental are kept, said method comprising the steps of: I providing an Internet...

...services, at least one of said rental vehicle service providers offering a plurality of specific **geographically** remote rental vehicle **locations** at **which** vehicles for rent are situated, said rental vehicle reservation having sufficient information for authorizing,, processing...services, at least one of said rental vehicle service providers offering a plurality of specific **geographically** remote rental vehicle **locations** at **which** vehicles for rent are situated, said rental vehicle reservation having sufficient information for authorizing,, processing...services, said at least one rental vehicle 10 service providers offering a plurality of specific **geographically** remote rental vehicle **locations** at **which** vehicles for rent are situated, said rental vehicle reservation having sufficient information for authorizing, processing...

16/3,K/7 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00895846 **Image available**
METHODS AND SYSTEMS FOR INTEGRATING MARKETING, PRODUCTION, AND FINANCE
PROCEDES ET SYSTEMES POUR INTEGRER COMMERCIALISATION, PRODUCTION ET FINANCES
Patent Applicant/Assignee:
GE CAPITAL SERVICES STRUCTURED FINANCE GROUP INC, 120 Long Ridge Road, Stamford, CT 06927, US, US (Residence), US (Nationality)
Inventor(s):
ALEY Frederick J, 8 Putnam Hill Drive, Redding, CT 06898, US,
Legal Representative:
BEULICK John S (et al) (agent), Armstrong Teasdale LLP, Suite 2600, One Metropolitan Square, St. Louis, MO 63102, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200230029 A2-A3 20020411 (WO 0230029)
Application: WO 2001US26756 20010828 (PCT/WO US0126756)
Priority Application: US 2000237108 20000929; US 2000747862 20001222
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4191

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... described below in detail. The systems and processes facilitate, for example, electronic submission of information, **automated** extraction of information, and **assessment** reporting and management of the manufacturing business for system users. The systems and processes are... commissions, entertainment, insurance employee, miscellaneous, office supplies, postage, professional fees, salaries, administrative hourly & benefits, telephone, **travel** , training, fixed utilities, general reduction **which** are automatically added to determine total operating expenses. Based upon paper production quantities which are...

...ton of product produced. Examples of fixed expenses shown in Figure 3 include bank charges, **building** **repairs** , data processing, franchise tax, insurance general, rent / lease and taxes which are automatically added to...spreadsheet 290 of labor costs. For the paper company example, labor cost indices include converting, **maintenance** , paper machine, and **warehouse** both for labor and benefits costs and for overtime costs. Based on entries into spreadsheet...

16/3,K/8 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00833782 **Image available**
SYSTEM AND METHOD OF PROVIDING PROJECT COST EVALUATION
SYSTEME ET PROCEDE PERMETTANT D'EVALUER LE COUT D'UN PROJET
Patent Applicant/Assignee:
FAIRFAX EXPRESS CORP, 2060 West Colfax Avenue, Denver, CO 80204, US, US (Residence), US (Nationality)
Inventor(s):
WEISS Arvin, 1433 Zuni Street, Denver, CO 80204, US,
Legal Representative:
ALBERT Jennifer A (et al) (agent), Hunton & Williams, 1900 K Street, N.W., Washington, DC 20006, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200167335 A1 20010913 (WO 0167335)
Application: WO 2000US42339 20001129 (PCT/WO US0042339)
Priority Application: US 2000521103 20000307
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8020

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... builders, carpenters, cabinet makers, landscapers, roofers, handymen, and many others with marketable skills related to **building** and **maintenance** have established themselves independently or as small business operations. These businesses, firmly rooted in manual... recommendations may include a preferred vendor status, the geographic regions where vendors are located in **comparison** to the **location** of the project, project related data, or other factors for filtering and/or ranking such...similar means of electronic communications.
Local Agent system 230 represents local agenfs of the central **service provider** enabled for **electronic** communication. Such local agents may include retailers licensed to provide technical support to DlYs or...

...electronic businesses, national and international product, labor, and service providers, and local product, labor, and **service providers** or one or more **electronic** businesses selling building and finishing equipment and supplies. Associated Services system 240 may also represent ...5 He hears about a major year-around maintenance contract, including snow removal, landscaping, and **building maintenance** , being offered by a military base in the region.

The base has posted detailed specifications...

16/3,K/9 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00833742 **Image available**
INTEGRATED BUSINESS SYSTEM FOR THE DESIGN, EXECUTION, AND MANAGEMENT OF PROJECTS
SYSTEME TRANSACTIONNEL INTEGRE DE CONCEPTION, EXECUTION ET GESTION DE PROJETS
Patent Applicant/Assignee:
MARNELL CORRAO ASSOCIATES INC, 4495 South Polaris Avenue, Las Vegas, NV 89103, US, US (Residence), US (Nationality)
Inventor(s):
WUCHERER Thomas A, 10249 Red Bridge Avenue, Las Vegas, NV 89134, US,
NISBET Todd, 1813 Cedar Flat Lane, Las Vegas, NV 89134, US,
NICASTRO Cherisse M, 1718 E. Pinchot, Phoenix, AZ 85016, US,
MARNELL Anthony A II, 7011 South Pecos Road, Las Vegas, NV 89120, US,
Legal Representative:
STEPHENSON Eric (et al) (agent), Skjerven, Morrill, MacPherson, Franklin & Friel LLP, 25 Metro Drive, Suite 700, San Jose, CA 95110, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200167279 A2-A3 20010913 (WO 0167279)
Application: WO 2000US15883 20000608 (PCT/WO US0015883)
Priority Application: US 2000519935 20000307
Designated States:
(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7079

Main International Patent Class: **G06F-017/60**
International Patent Class: **G06F-017/30**
Fulltext Availability:
Detailed Description

Detailed Description
... database or the central data base, or both. Additionally, the computer system, in response to **detecting** the match, generates an **electronic** message indicating that the first database has been updated with the first data.

Thereafter, the...other words, the owner or manager of a - 8 finished building can more efficiently plan **building** remodeling, **maintenance** or modifications using the developed central database 20 which contains a great amount of important...directory shown in Figure 8 so that appropriate data of Transaction 3 , the interface database **location** of **which** is pre- **identified** in the select statement box can be properly routed to its correct destination.

To illustrate...

16/3,K/10 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00814145
A METHOD FOR EXECUTING A NETWORK-BASED CREDIT APPLICATION PROCESS
PROCEDE DE MISE EN OEUVRE D'UN PROCESSUS DE DEMANDE DE CREDIT EN RESEAU
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
CORNELIUS Richard D, 421 14th Street, Santa Monica, CA 90402, US,
STEPNICZKA Andreas, 2200 Sacramento Street, Apt. 503, San Francisco, CA 94115, US,
CHU Kevin, 490 Lindbergh Place, Apt. 515, Atlanta, GA 30324, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, P.O. Box 52037, Palo Alto, CA 94303, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200146889 A2 20010628 (WO 0146889)
Application: WO 2000US35216 20001222 (PCT/WO US0035216)
Priority Application: US 99470805 19991222; US 99469525 19991222; US 99470039 19991222
Designated States:
(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 98671

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... requirements of the trade terms and seller to agree or amend the terms on an **electronic** document platform. Both buyer and seller can access Document Page from the Menu page. The...the VTrade Web front page, the front-end Combined Purchase Order Proforina Invoice and the **Electronic** Document Creator, all linked to bank and customer's back-end processing systems.

An automatic...such as Global TIS - Security) in the form of interviews, architecture and code reviews, and **automated** tool **assessment** .

Information Management (202)
A vast amount of information is generated within the development envirom-nent...of people to communicate and to share information, helping them work together effectively, regardless of **location** .

More information on collaboration may be found in the Collaboration Extensions Framework in the database...

...Considerations
a) How distributed are the project teams?
On projects with development sites that are **geographically** distributed, it is usually the case that communication by e-mail alone is not a...tool to capture the existing design.

During component design the partitioned component model is designed, **which** defines physical interfaces and **locations** for components. It is important for performance reasons that communication between components is minimized, especially...functions should be able togainaccesstoinput,detailedtechnicalinfon-nationorprogressupdates. IfIncident-and Request management is distributed, it is **recommended** that remote **locations** are given access to the central system, rather than operating local systems. (Some problem areas...

16/3,K/11 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00814140
A METHOD FOR A VIRTUAL TRADE FINANCIAL FRAMEWORK
PROCEDE DESTINE A UN SCHEMA FINANCIER DE COMMERCE VIRTUEL
Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
LEONG Cheah Wee, 16 Jalan BK4/6E, Bandar Kinrara, Puchong, 58200, Selangor, MY,
NG William, 101 Whampoa Drive #15-176, Singapore, SG,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200146846 A2 20010628 (WO 0146846)
Application: WO 2000US35429 20001222 (PCT/WO US0035429)
Priority Application: US 99470030 19991222; US 99470041 19991222; US 99470044 19991222
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 106212

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
... order
processing on an eCommerce implementation;
Figure 108 illustrates a flowchart for a method for **electronically** serving a customer over a
network in accordance with an embodiment of the present invention...
depicts a process flow of the Wrade framework. At 1 000, the buyer creates an **electronic** purchase order, which is used to create a combined purchase order profon-na invoice.

The...of payment authorization from the buyer.

Figure 27 illustrates the Main Menu Page of an **electronic** document checklist 2700 which may be used during the process of Figure 26. The Electronic...of documentary compliance in which the Bank 3300 checks physical documents while VTrade 3302.checks **electronic** documents.
Figure 34 illustrates a third option of documentary compliance in which the buyer 3400...time
Extended Market and Customer Reach
* Access to buyers/sellers outside traditional trading circles and **geographic** reach
Real-time Solutions
Online markets mimic true supply and demand for goods/services
Allows...credit.

In one embodiment of the present invention, the sellers are provided with the credit **assessment** when the terms of the transactions are being negotiated by the buyer and the seller...such as Global TIS - Security) in the form of interviews, architecture and code reviews, and **automated**

tool **assessment** .

Information Management (202)
A vast amount of infon-nation is generated within the development enviromnent...to a release
- too The coordination of products that contribute to a release is the **maintenance** of a bill of materials for a release. It is an inventory of all software...such as code and its associated docurnentation Problem Management tools 8212 pertains to the problem **tracking** and solution process In addition, three other components are required to fully support development.

Productivity...project management - is much more efficient. It is important that these conference calls are closely **monitored** , well prepared, and that the agenda is closely followed. Action points and commitments made during...tool to capture the existing design.

During component design the partitioned component model is designed, **which** defines physical interfaces and **locations** for components. It is important for performance reasons that communication between components is minimized, especially...

16/3,K/12 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00806392
TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTEE, ET PROCEDE ASSOCIE
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139086 A2 20010531 (WO 0139086)
Application: WO 2000US32310 20001122 (PCT/WO US0032310)
Priority Application: US 99444653 19991122; US 99447623 19991122
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 156214

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description
TRACKING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF
FIELD OF INVENTION
The present...an interaction;
Figure 103 depicts a ShARE (Selection, Acquisition, Retention, and Extension) customer relationship model **which** addresses the changes in a shift to interactive marketing; Figure 104 illustrates a flowchart for... order
processing on an eCommerce implementation;
Figure 109 illustrates a flowchart for a method for **electronically** serving a customer over a
network in aecordance with an embodiment of the present invention... particular library). The programmer has to decide which functions to call at what times for **which** kinds of objects.

Duplication of effort. Although class libraries allow programmers to use and reuse...and simplified processes.

Lastly, in this illustrative embodiment of the present invention, benefits for the **service provider** under the Maintenance and Service component may include: better on-line network performance, and distribution...readily seen that there is significant debate in the cominunications industry regarding the type and **location** of rings, and. in particular, SeIf-Healing Rings (SHR) to deploy. As those skilled in...

...offerings.
In an embodiment of the present invention, collaborative forecasting may also be facilitated between **service providers** and manufacturers utilizing the network. In another embodiment of the present invention, collaborative network roll...

...planning tool may be provided for facilitating collaborative network roll-out and planning between the **service providers** and the manufacturers utilizing the network. In a further embodiment of the present invention, the...utilizing the notices and the requests. The schedule is transmitted to the manufacturers and the **service providers** utilizing the network in operation 1108.

In an embodiment of the present invention, the availability...associated with a great number of users share link and switch facilities as the packets **travel** over the network. The packets may require storage at nodes between transmission links of the...can greatly reduce our clients lead time for service implementation.

Secondly, the present invention assists **service providers** by providing them the tools to better 1 5 manage their carrier data networks - the...
...implementation projects.

Reguirements Analysi - Companies may already have developed a concrete business strategy that defines **which** services they will offer within markets. In this case, the present invention's work will...Solution- The integrated network management solution template consists of a suite of best of breed **third party** software products that **automate** problem diagnosis, notification, custom-developed reporting, and IP services

in a tliree party agreement in **which** the end-user agrees to certain requirements for using the distributed product such as accepting...may support.
(a) secure electronic distribution of information, for example commercial literary properties,
(b) secure **electronic** information usage **monitoring** and reporting,
(c) secure financial transaction capabilities related to both electronic information and/or appliance...an extemal event. The step of organizing received electronic mail could include organizing the received **electronic** mail based on a text pattern. The received **electronic** mail coulcl be stored in a dynamic customer interaction database. The plurality of templates for...invention allows users to subscribe and unsubscribe to different services such as, for example, newsletters, **travel** clubs, and the like.

Users would also be allowed to limit the content of the...

...E-MAIL)
Targets e-mails to visitors, based on profile and category system
Logs and **tracks** outbound messages
Automates regular communication triggered by events
Tracks email responses for campaign management statistics
In operation 6610, shown in Figure 66, the content...

16/3,K/13 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00806389
SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING MAINTENANCE AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT
PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION PROACTIVE AU COURS DE LA MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTEE
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
MIKURAK Michael G, 108 Englewood Boulevard, Hamilton, NJ 08610, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200139082 A2 20010531 (WO 0139082)
Application: WO 2000US32228 20001122 (PCT/WO US0032228)
Priority Application: US 99447625 19991122; US 99444889 19991122
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
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Fulltext Word Count: 152479

Main International Patent Class: **G06F-017/16**
Fulltext Availability:
Detailed Description

Detailed Description
... with a preferred embodiment;
Figure 40 is a control flow diagram illustrating the Network Call **Identifier** (NCID) switch call
processing in accordance with a preferred embodiment;
Figure 41 is a control...THE PREFERRED EMBODIMENTS
Figure 1 is a schematic diagram of one possible hardware implementation by **which** the present invention may be camied out. As shown, the present invention may be practiced...can greatly reduce our clients lead time for service implementation.

Secondly, the present invention assists **service providers** by providing them the tools to better manage their carrier data networks - the packet switched...Solution- The integrated network management solution template consists of a suite of best of breed **third . party** software products that **automate** probleni diagnosis, notification, custom-developed reporting, and IP services monitoring. This solution template is a...alleviate the congestion issues that face traditional voice customers and 2) collecting revenues froni the **third party** data services providers (1SP's) for access and routing callers to their Points Of Presence.

Due to the high growth in IP and other data services, many new **service providers** have emerged that are building only IP based data networks, and. provide only IP based...

...field) service providers continue to exploit their advantage, it has become necessary for many incumbent **service providers** to transition their "Core" network to the "Next Generation Network", where they can share the...trunk group. After processing an incoming call, the switch transmits the call to a destination **location , which** may be another switch, a local excliange carrier, or a pnivate branch exchange. The call ...all of the call records associated with a specific teleplione call by providing a unique **identifier** to each call record. lt generates a network call identifier (NCID) that is assigned to...EPOSR) 3616.

In a seventh check 3700 on a call 3602, a switch 1206-1210 **determines** if the call 3602 is a wideband call. A wlideband call is one that requires ...an NCID. In step 4016, the current switch analyzes the originating trunk group parameters to **determine** whether it is authonized to create an NCID for the call 3602. In
89
described...current switch will calculate a sequence number. The sequence number represents the number of calls **which** have occurred on the same port number with the sarne Tirnepoint 1 value. The first...

...field of the 32-word call record. The current switch must also set the NCID **Location** field to the value 'l' **which** indicates that the NCID is stored in the AuthCode field. After step 4306, the current...

...the parameters, the current switch proceeds to step 4404. In step 4404, the current switch **determines** the terminating trunk group type. If the terminating trunk is an ISUP trunk, the current...must be used to store the call information pertaming to the teleplione cal]. After determining **which** call record to use, the switch generates the default or expanded

products. WAF uses a wide vaniety of different...for the use of, electronic infonnation.

WAF provides comprehensive and configurable transaction management, metening and **monitoring** technology. lt can change how **electronic** infonnation products are protected, marketed, packaged, and distributed. When used, WAF should result in higher...

16/3,K/14 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00796210 **Image available**
A COMPUTER IMPLEMENTED TRANSACTION SYSTEM
SYSTEME DE TRANSACTION PAR ORDINATEUR
Patent Applicant/Assignee:
ON-LINE EXPERT COM PLC, Kingsway House, 123 Goldsworth Road, Woking, Surrey GU21 1LE, GB, GB (Residence), GB (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
WATTS Julian, 103 Collingwood Crescent, Guildford, Surrey GU1 2PH, GB, GB (Residence), GB (Nationality), (Designated only for: US)
Legal Representative:
ELKINGTON AND FIFE (agent), Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1XR, GB,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200129718 A2 20010426 (WO 0129718)
Application: WO 2000GB4056 20001020 (PCT/WO GB0004056)
Priority Application: GB 9924872 19991020
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 4345

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... engine, it is necessary to match the search term with the keywords. The process of **determining** keywords is commonly **automated** and in some cases incorrect keywords may be allocated. Therefore, even if a correct search...Caravans
Fuel distribution & garages
Motor sports
8. Wholesalers
Durable goods
Non-durable goods
9. Retailers & **repair**

Building , DIY & garden materials
General / department stores
Food shops
Clothes, shoes & leather goods
Furniture and household...

Claim
... fuel
distribution & garages, motor sports;
wholesalers including durable goods and non-durable goods;
retailers and **repairers** including **building** , DIY & garden materials, general department stores, food shops, clothes, shoes & leather goods, furniture and household...

...public / stakeholder relations, and consumer.

11 A system according to claim 8 or 9, in **which** **geography** comprises countries of the world in addition to selected regions of the United Kingdom including...fuel
distribution & garages, motor sports;
wholesalers including durable goods and non-durable goods;
retailers and **repairers** including **building** , DIY & garden materials, general department stores, food shops, clothes, shoes & leather goods, furniture and household...

...public / stakeholder relations, and consumer.
20 A method according to claim 16 or 17, in **which** **geography** comprises countries of the world in addition to selected regions of the United Kingdom
including...

16/3,K/15 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784140
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A GLOBALLY ADDRESSABLE INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION S'APPLIQUANT DANS UN ENVIRONNEMENT DE STRUCTURE DE SERVICES DE COMMUNICATIONS VIA UNE INTERFACE ADRESSABLE GLOBALEMENT
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918 , US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116735 A2-A3 20010308 (WO 0116735)
Application: WO 2000US24198 20000831 (PCT/WO US0024198)
Priority Application: US 99387214 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK

MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
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Fulltext Word Count: 150371

Main International Patent Class: **G06F-009/46**
Fulltext Availability:
Detailed Description

Detailed Description
... interrelationships, since complex relationships increase the architecture's complexity faster than modularization can reduce it.

Location Transparency
Divorces application ftom the details of resource **location** . This is however not always true or required. For perfon-nance reasons designers and developers...Internet. Lotus Forms - Lotus Development Corporations electronic forms software provides tools to design, route and **track**
forms to **automate** business processes for the workgroup or the extended enterprise. Lotus Forms is designed to ran...such as JavaScript and VisualBasic Script (VBScript), which can be used to change the appearance, **location** , and even the content of those.

objects in real-time.

Microsoft's Internet Explorer 4...the location of user mouse clicks within the image to the corresponding page or window **which** is to belaunched.

Exemplary products that may be used to implement this component include Silicon...write files that may be located on a variety of platforms in a variety of **locations** . File Sharing services enable a unified view of independent file systems. This is represented in...EP data streams. Tag Switching aggregates one or more data streams destined for the same **location** and assigns a single tag to all associated packets. This allows routers to more efficiently...

...excess network traffic at a node.

Error Recovery - The Media Access service performs error recovery, **which** is the capability to detect and possibly resolve data corruption that occurs during transmission.

Error...5 such as the user's language and color preferences to basic job function information **which** may be used by Integrated Performance Support or Workflow Services.

Implementation considerations
Is there a...

16/3,K/16 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00784138

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST BATCHER IN A TRANSACTION SERVICES PATTERNS ENVIRONMENT

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR MODULE DE MISE EN LOTS DES REQUETES DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES TRANSACTIONNELS

Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918 , US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mills Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200116733 A2-A3 20010308 (WO 0116733)
Application: WO 2000US23885 20000831 (PCT/WO US0023885)
Priority Application: US 99387575 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
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Fulltext Word Count: 150393

Main International Patent Class: **G06F-009/46**
Fulltext Availability:
Detailed Description

Detailed Description

... distinct architecture generation.

Application style

An application style defines a unique class of processing type, **which** is used by applications, and thus end-users. Delivery Vehicle Reference set of Application Styles...Internet. Lotus Forms - Lotus Development Corporations electronic forms software provides tools to design, route and **track**
forms to **automate** business processes for the workgroup or the extended enterprise. Lotus Forms is designed to run...of platform used to view them. Designers use SGML to create Document Type Definitions (DTDs), **which** detail how tags (also known as format codes) are defined and interpreted within specified documents...write files that may be located on a variety of platforms in a variety of **locations** . File Sharing services enable a unified view of independent file systems. This is represented in...coordinate the collection and routing of your essay and your personnel file.

engineering applications to **automate** the business value chains, and **monitor** and control the sequence of work electronically.

The business processes can be of a repetitive...been combined into one Business Component. This could be problematic if a ftiture application needs **warehouse** information, but not inventory information.

268
Smaller Business Component tends to be more flexible. It...

16/3,K/17 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00784132
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LEGACY WRAPPER IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET DISPOSITIF POUR MODULE D'HABILLAGE EXISTANT DANS UN ENVIRONNEMENT DE SCHEMAS DE SERVICES DE COMMUNICATION
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Roadast, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116724 A2-A3 20010308 (WO 0116724)
Application: WO 2000US24084 20000831 (PCT/WO US0024084)
Priority Application: US 99386834 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150947

Main International Patent Class: **G06F-009/44**
International Patent Class: **G06F-009/46**
Fulltext Availability:
Detailed Description

Detailed Description
... performance reasons designers and developers still often need to be aware of process and data **locations** .

Horizontal Scaling
Assist in optimal utilization of existing infrastructure resulting in increased application
performance and...local and wide area
networks as well as the Internet. Lotus Forms - Lotus Development

Corporations **electronic** forms software provides tools to design, route and **track**
forms to **automate** business processes for the workgroup or the extended enterprise. Lotus Forms is designed to run...

...be more difficult for first time or infrequent users. This point is important when implementing **electronic** commerce solutions where the target customer may use the application only once or very infrequently... distributed applications; better performance and reduced network cost, particularly in environments where users are widely **geographically** dispersed; etc.

97
Synchronization Services perform the transactions required to make one or more information...transferring the information to the user. The proxy manages a database of allowed user actions, **which** it checks prior to performing the request.
Servers, Applications, and Databases - Authorization can occur locally... coordinate the collection and routing of your essay and your personnel file.

engineering applications to **automate** the business value chains, and **monitor** and control the sequence of work electronically.

The business processes can be of a repetitive...

16/3,K/18 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00783300 **Image available**
SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR ELECTRONIC MERCHANDISING IN AN E-COMMERCE APPLICATION FRAMEWORK
MARCHANDISAGE ELECTRONIQUE DANS LE CADRE D'UNE APPLICATION DE COMMERCE ELECTRONIQUE, SYSTEME ET ARTICLE MANUFACTURE A CET EFFET
Patent Applicant/Assignee:
ANDERSEN CONSULTING LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,
Legal Representative:
HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 38th Floor, 2029 century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116848 A2 20010308 (WO 0116848)
Application: WO 2000US24268 20000831 (PCT/WO US0024268)
Priority Application: US 99387189 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English

Filing Language: English
Fulltext Word Count: 44613

Main International Patent Class: **G06F-017/60**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... problems while the administrators are the last to know. This can be prevented by creating **automated monitoring** facilities for server processes, disk space, memory, CPU utilization, access time, number of connections, and...
...system is often wrongfully overlooked. It is a key component in improving customer satisfaction and **building** customer relationships. Having robust **maintenance** and administration facilities should increase the system's overall stability by reducing the time and...the user may be required
for determining the payment mechanism. Research is currently underway to **determine** if this may also be **automated** .

Payment 2604
After a total has been established, a payment method must be determined. A...

Claim
... customer based on at least one of a customer profile, a customer type, and a **geographic location** .

13 A system for **suggesting** products over a network, comprising:
(a) logic that displays information of a product including at...

16/3,K/19 (Item 18 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00178104 **Image available**
INTEGRATED ELECTRONIC PARTS WAREHOUSING AND DISTRIBUTION SYSTEM AND METHOD
PROCEDE ET SYSTEME D'EMMAGASINAGE ET DE DISTRIBUTION INTEGRES DE COMPOSANTS ELECTRONIQUES
Patent Applicant/Assignee:
EPSTEIN Morris,
Inventor(s):
EPSTEIN Morris,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9011572 A1 19901004
Application: WO 90US1485 19900320 (PCT/WO US9001485)
Priority Application: US 89749 19890321
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AT AT AU BB BE BG BR CA CH CH DE DE DK DK ES ES FI FR GB GB HU IT JP KP KR LK LU LU MC MG MW NL NL NO RO SD SE SE SU
Publication Language: English
Fulltext Word Count: 19812

Main International Patent Class: **G06F-015/24**
Fulltext Availability:
Detailed Description

Claims

Detailed Description
... the sum of items
physically contained in several warehouse units or containers, the number and **locations** of **which** can change daily. In the absence of fail-safe computerized control over such items, a...storage areas. In each case, the movement is accompanied by a newly generated computer label **which** includes the new storage **location** or customer information as well as the other information which was recorded at the time...at the supplier's discretion which items are maintained by the warehouse system and at **which** warehouse **location** , A supplier ships its products to the warehouse system preferably in unmarked boxes, With its...linked to the central computer 38. Individual labels are printed for each container that indicate **which** random storage **location** the container is to be stored in, (See Table XII, below). A bar code label...location becomes vacant, a different container size may be assigned.

(b) If no vacant pallet **locations** are available, the system reports **which** pallets have the fewest containers and which pallets have the same size containers with space...to the shipping area
S 4
The shipping area S has two locations. The first **location** is for heavy orders **which** require shipment by commercial freight 206. The second **location** is for lighter orders **which** can be sent by UPS or the like 208.

When items are received, in addition...into the warehouse 184, In practice, the bar code label is affixed to each printed **location** label **which** is also ...available to each supplier which lists the options he may access in interacting with the **warehouse** system, The first option, **Maintenance** Inventory Records, permits the supplier to add or delete items to be maintained in the warehouse system and to change selling prices of the particular items maintained in the **warehouse** system. The **Maintenance** Working Tables option allows a supplier to designate his lead time to manufacture his product...

Claim
... of:
a) preparing an inquiry off-line from said computer by locally designating said pre **determined** item; and
b) **electronically** transmitting said inquiry to said computere
6o A method according to claim.1, comprising the...buyers for said physical items maintained within said single storage system;
C) generating picking lists **which** direct pickers to the **locations** of said physical items in said rack means and which correspond to said orders; and...of:
a) preparing an inquiry off-line from said computer by locally designating said

17/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014845115 **Image available**
WPI Acc No: 2002-665821/200271
XRPX Acc No: N02-526774
Automated building service broker for monitoring building fire alarm and security systems, selects particular service provider to respond to particular maintenance **and** repair **event received from** building **system**
Patent Assignee: COMBS R (COMB-I); FLUGEL W (FLUG-I)
Inventor: **COMBS R ; FLUGEL W**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020095323	A1	20020718	US 2001759945	A	20010112	200271	B

Priority Applications (No Type Date): US 2001759945 A 20010112
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020095323	A1		14	G06F-017/60	

... **monitoring building fire alarm and security systems, selects particular service provider to respond to particular** maintenance **and** repair **event received from** building **system**
Inventor: **COMBS R** ...

... **FLUGEL W**

Abstract (Basic):
... An event handler receives maintenance and **repair** events from a communicatively linked **building** system. A selector in response to the received event, selects a particular service provider suitable...

17/3,K/2 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI

014845115 **Image available**
WPI Acc No: 2002-665821/200271
XRPX Acc No: N02-526774
Automated building service broker for monitoring building fire alarm and **security systems, selects particular service provider to respond to particular** maintenance **and** repair **event received from** building **system**
Patent Assignee: COMBS R (COMB-I); FLUGEL W (FLUG-I)
Inventor: **COMBS R ; FLUGEL W**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020095323	A1	20020718	US 2001759945	A	20010112	200271	B

Priority Applications (No Type Date): US 2001759945 A 20010112
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020095323	A1		14	G06F-017/60	

... **monitoring building fire alarm and security systems, selects particular service provider to respond to particular** maintenance **and** repair **event received from** building **system**
Inventor: **COMBS R** ...

... **FLUGEL W**

Abstract (Basic):
... An event handler receives maintenance and **repair** events from a communicatively linked **building** system. A selector in response to the received event, selects a particular service provider suitable...

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File  16:Gale Group PROMT(R) 1990-2005/Dec 23
         (c) 2005 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2005/Dec 23
         (c)2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Dec 23
         (c) 2005 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Dec 23
         (c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Dec 23
         (c) 2005 The Gale Group
File   9:Business & Industry(R) Jul/1994-2005/Dec 26
         (c) 2005  The Gale Group
File  15:ABI/Inform(R) 1971-2005/Dec 27
         (c) 2005 ProQuest Info&Learning
File  20:Dialog Global Reporter 1997-2005/Dec 27
         (c) 2005 Dialog
File  95:TEME-Technology & Management 1989-2005/Nov W2
         (c) 2005 FIZ TECHNIK
File 476:Financial Times Fulltext 1982-2005/Dec 28
         (c) 2005 Financial Times Ltd
File 610:Business Wire 1999-2005/Dec 27
         (c) 2005 Business Wire.
File 613:PR Newswire 1999-2005/Dec 27
         (c) 2005 PR Newswire Association Inc
File 624:McGraw-Hill Publications 1985-2005/Dec 27
         (c) 2005 McGraw-Hill Co. Inc
File 634:San Jose Mercury  Jun 1985-2005/Dec 24
         (c) 2005 San Jose Mercury News
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc

Set     Items   Description
S1     166127   (BUILDING? OR OFFICE()BUILDING? OR BUILDING()COMPLEX? ? OR
              WAREHOUSE?)(5N)(MAINTENANCE OR REPAIR? OR SERVICING)
S2      68215   (AUTOMATE? OR ELECTRONIC? OR COMPUTERI?)(5N)(BROKER OR BRO-
              KERS OR THIRD()(PARTY OR PARTIES) OR SERVICE()PROVIDER?)
S3     206653   (AUTOMATE? OR ELECTRONIC? OR COMPUTERI?)(5N)(MONITOR? OR A-
              SSESS? OR TRACK? OR DETECT? OR DETERMIN?)
S4      18414   (SELECT OR SELECTS OR SELECTING)(5N)(SERVICE()PROVIDER? OR
              CONTRACTOR?)
S5     232504   GPS OR GLOBAL()POSITION?()SYSTEM? ?
S6     470366   (CONFIGUR? OR IDENTIF? OR COMPARING OR COMPARISON? ? OR RE-
              COMMEND? OR SUGGEST? OR WHICH)(5N)(LOCATION? OR GEOGRAPH? OR -
              TRAVEL?)
S7         38   AU=(COMBS, R? OR COMBS R? OR FLUGEL, W? OR FLUGEL W?)
S8         75   S1(S)(S2 OR S3)
S9          1   S8 AND S4
S10         0   S8(S)S5
S11         0   S8(S)S6
S12        21   S8(S)(CONFIGUR? OR IDENTIF? OR COMPARING OR COMPARISON? ? -
              OR RECOMMEND? OR SUGGEST? OR WHICH)
S13        21   S12 NOT S9
S14        19   S13 NOT PY>2001
S15        18   RD  (unique items)
S16        55   S8 NOT (S9 OR S14)
S17        26   S16 NOT PY>2001
S18        20   RD  (unique items)

Sylvia Keys                                  23-Dec-05 04:31 PM
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Scanned Ltlb & Kwic

S19 0 S7(S)S1

Sylvia Keys 27-Dec-05 04:31 PM

9/3,K/1 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire

00847622 20030205036B9742 (USE FORMAT 7 FOR FULLTEXT)
Integrated Web and Mobile Capabilities of Astea Alliance Suite Aids Building Maintenance Company's Personalized Service
Business Wire
Wednesday, February 5, 2003 09:21 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 709

TEXT:
Leading **Contractor** for **Building Repair** Services **Selects** Astea Solution
for Its Capabilities to Manage Large Amounts of Data and **Automate** Communications with Many **Third Parties**

Astea International Inc. (NASDAQ:ATEA), a leading provider of Service Smart,
Enterprise Proven CRM solutions...

15/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

08371492 Supplier Number: 70933739 (USE FORMAT 7 FOR FULLTEXT)
Self-Healing Material Revealed in Nature Magazine.
Advanced Materials & Composites News, v23, n510, pNA
Feb 19, 2001
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 565

... could also be used in buildings, particularly in earthquake-prone areas. If structural columns in **buildings** were made with the **repair** system, it could prevent the structure collapsing and give people more time to escape. The...

...be commercially available in three to five years and will be used initially in micro- **electronics** . Material economics must still be **assessed** before there will be any real potential for its use. "It has just an enormous number of applications. That's probably one drawback for me, I don't know **which** direction to go," said White.
White's team worked on the project for six years...

15/3,K/2 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

13194549 SUPPLIER NUMBER: 71018278 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Computers enhance residential building maintenance efforts.
BHIMANI, KARIM
Real Estate Weekly, 47, 27, 7
Feb 7, 2001
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 937 LINE COUNT: 00083

... maintenance programs more efficiently, thus saving time and money. The software enables an owner to **identify** all deficient conditions in relation to routine **maintenance** , deferred **maintenance** , capital improvement, **repair** , **building** and safety codes and plant additions.
Typical categories for documentation might include the roof, facade ...

15/3,K/3 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

11907784 SUPPLIER NUMBER: 60904994 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Cooper Square uses technology to enhance residential management.(Brief Article)
Kuperberg, David
Real Estate Weekly, 46, 31, 15
March 1, 2000
DOCUMENT TYPE: Brief Article LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 565 LINE COUNT: 00050

... technology - including MOST (Maintenance Operations and Status

Tracking), which we believe is the most advanced **computerized building maintenance tracking** system in the New York area. The system monitors the performance and **maintenance** schedules of **building** equipment to maximize efficiency and useful life, and keeps an accurate record of equipment problems and repair history. The program generates customized work orders for preventive maintenance, **which** can bee-mailed to vendors, with copies sent to the property manager, building superintendent and...

15/3,K/4 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

11474534 SUPPLIER NUMBER: 57386924 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Capturing and using building-generated data.(using data from control systems and dataloggers for evaluating performance of heating, ventilating and air-conditioning systems)
Ivanovich, Michael; Haves, Phillip
Heating, Piping, Air Conditioning, 71, 10, 68(6)
Oct, 1999
ISSN: 0017-940X LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 4004 LINE COUNT: 00343

... It is also possible to monitor the effects of energy conservation strategies implemented using modified **building** operations, equipment upgrades, and **repairs** .
Blink tests - a valuable way in which whole-building data can be used to identify...

15/3,K/5 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

07581309 SUPPLIER NUMBER: 15864863 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Preventive monitoring: constant monitoring of buildings as they age, with fiber-optic sensors and computers, can extend their life and lower their cost.
Gentry, Russell
Progressive Architecture, v75, n10, p96(4)
Oct, 1994
ISSN: 0033-0752 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2506 LINE COUNT: 00217

... programs. These so-called "smart buildings" borrow existing technology from the aircraft and automotive industries, **which** constantly monitor and report on the machine's performance, and make use of emerging fiber-optic sensors. These buildings will **electronically monitor** their own condition and automatically report potentially costly distress before repair costs become large.
A...

15/3,K/6 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

03869100 SUPPLIER NUMBER: 07329955 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Eleven myths about hiring ex-offenders.
Henry, J. Patrick; Odiorne, George S.

Personnel, v66, n2, p27(3)
Feb, 1989
ISSN: 0031-5702 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2945 LINE COUNT: 00233

... handling ex-inmates is designed to reduce recidivism, a term used by corrections officials to **identify** the relapse of ex-criminals into criminal behavior.
Common Myths About Ex-Offenders The employer...

15/3,K/7 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

02024149
'Street smart' in Europe takes on new meaning: $1,7 billion in controls on buildings that think
Research Studies (for further information apply to source indexed) 1988
p. 1-3

... about conserving energy, but by the benefits of technology that has been developed for remote **monitoring** of **buildings** , **computerized maintenance** of scheduling, and remote fault diagnosis, among others. Among the various market sectors, the highest growth will be experienced by integrated building management systems, **which** will increase 19%/yr, 3X the rate of average growth in the market. One of key technologies driving the market for building controls is the microprocessor, **which** is lowering the cost of energy management systems. Meanwhile, in the conventional controls market, sales...

15/3,K/8 (Item 2 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

01966559
Making pest control safer
International Pest Control June, 1988 p. 66,67,+
ISSN: 0020-8256

Rentokil has introduced an **electronic** mouse **detection** system for the food industry and other sites where only minimum doses of chemical pesticides can be used. Mouse Alert uses up to 128 sensor boxes **which** are selectively activated by the presence of mice. When the control panel indicates that a...

...and apply the appropriate measures. The system has applications at sites where meticulous hygene and **building maintenance** are needed, including pharmaceutical plants, food processors and structures with high technology equipment.
Rentokil has...

15/3,K/9 (Item 3 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

00903998
Miller & Hartman (Lancaster, PA) is expanding its customer base into the

rest of Pennsylvania and into New England.
Supermarket News April 25, 1983 p. 271

... selection space to strengthen its general-merchandise and health-and-beauty-aids programs. The firm, **which** supplies mostly small supermarkets and convenience stores, is **building** a freestanding truck-**maintenance building** of about 2,800 square feet in response to a 10 percent sales increase during...

... feet. The firms hopes to offer data transmission service, linking the warehouse to manufacturers and **brokers** for **electronically** transmitting data. ...

15/3,K/10 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02103898 SUPPLIER NUMBER: 19778817 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Notes helps protect environment. (Environmental Protetion Agency uses Lotus Notes application) (Government Activity)
McKendrick, Joseph
MIDRANGE Systems, v10, n14, p39(1)
Sep 12, 1997
ISSN: 1041-8237 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 702 LINE COUNT: 00062

... comply with the business regulations mandated by Congress and the president.
A change management system **automates** the creation, approval and **tracking** of change management activities in major administrative systems. The facilities service request system enables employees to create, submit and track the progress of a request for 14 types of **building maintenance** services. The real-time data reporting system offers managers data to **identify** how staff members are allocated using such criteria as work force diversity, management positions, education...

15/3,K/11 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

04782810 Supplier Number: 65300340 (USE FORMAT 7 FOR FULLTEXT)
Security Honor Roll; Pat Riley keeps security and other systems operating smoothly for Norfolk.
Access Control & Security Systems Integration, pNA
Sept, 2000
Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 1200

... Riley first became COE four years ago, the department's control room staff operated two **computerized** energy management systems that **monitored** automation systems for several downtown buildings via coax cable and dial-up modem. "The city...contract security guards every two hours for information." The city operated several access control systems, **which** forced staff needing to access every **building** - information technologies and **building maintenance** , for example - to carry multiple access cards.
Under Riley's direction, the control room began...

15/3,K/12 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

04020016 Supplier Number: 53246486 (USE FORMAT 7 FOR FULLTEXT)
-INDIAN GOVERNMENT: Computerisation of Central Public Works Dept.
M2 Presswire, pNA
Nov 20, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 396

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...functioning of headquarters like personnel information and management system, project data base, budget compilation, expenditure **monitoring** , diary and dispatch, **electronic** communication system, chasing and retrieval of files. To begin with, the National Informatics Centre (NIC...

...computer centre for CPWD offices in Nirman Bhavan. The centre houses a Pentium Computer to **which** 32 terminals have been connected. The software developed so far covers integrated information relating to...

...budget and a strong workforce of 40,000 on its rolls. It is the premier **building** , construction and **maintenance** agency of the Government of India. It also executes fencing, flood lighting and road projects...

15/3,K/13 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

03451104 Supplier Number: 47110596 (USE FORMAT 7 FOR FULLTEXT)
BUILDING CONSTRUCTION AND GENERAL CONTRACTING
Set-Aside Alert, v5, n3, pN/A
Feb 10, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 3058

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...recondition and retrofit air circuit breakers. Also, the contractor must provide remote monitoring system and **configuration** . The work is to be performed by factory trained technicians. This has been set-aside...system deficiencies. This will include a full survey of complete sewer system and development of **recommendations** . After consultation with Engineering Service, a full design will be developed for bidding purpose for...

...41)The National Archives Building in Washington, DC is in need of HVAC maintenance and **repair** services for its Computrols **Building** Automation System for building security and the Computrols Building Automation System for heating, ventilation and...sewer, forcemain sewer, lift station, manholes, laterals, grinder pit and comminuter including site restoration and **computerized** flow **monitoring** system. The quantities are: 1400 LF 3-in. force main, grinder pump, lift station, 24,000 LF gravity sewer, 52 manholes, grinder pit and comminuter, **computerized** flow **monitoring** system and site restoration as follows: 100 LF concrete curb, 40,000 SY of seeding...

15/3,K/14 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

01900300 Supplier Number: 25366619
El capital de riesgo entra en el juego
(Innovative firms are the ones attracting venture capital in Argentina; Internet portal El Sitio and Assa are among the firms receiving venture capital)
El Clarin, p 37
July 18, 1999
DOCUMENT TYPE: National Newspaper ISSN: 1025-6547 (Argentina)
LANGUAGE: Spanish RECORD TYPE: Abstract

ABSTRACT:
...stroke being the acquisition of a 35% stake in the Internet portal El Sitio for **which** it was paid US$44 mil. Other cases of venture capital investments involved the companies Assa group (computer solutions), Eki Discount (retail trade), Patagon.com (**electronic** stoke **broker**). Desde el Sur (cotton production), SIE (**buildings maintenance**), and Metrored (data communications). There are several venture capital companies operating in Argentina, such as...

15/3,K/15 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02157025 72345099
Building, heal thyself
Osborne, John
Professional Engineering v14n7 PP: 35-36 Apr 11, 2001
ISSN: 0953-6639 JRNL CODE: PEN

...ABSTRACT: industries and in oil and gas extraction, but its use still lags behind in the **maintenance** of **buildings** . Work carried out in the US **suggests** that a newer approach to condition based maintenance **which** uses embedded sensors and smart machinery could offer far more than either traditional hand-held inspection technologies or remote **monitoring** . **Electronics** , cable and wireless technology offers a vision of **buildings which** , among other things, could **repair** faults in devices installed in walls and ceilings.

15/3,K/16 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

06270033
Argentina: Venture capital seeks opportunities
SABI (SOUTH AMERICAN BUSINESS INFORMATION) (EL CLARIN (ARGENTINA))
July 18, 1999
JOURNAL CODE: WELN LANGUAGE: Spanish RECORD TYPE: ABSTRACT
WORD COUNT: 233

...Eki Discount (retail trade), Patagon.com (electronic stoke broker). Desde el Sur (cotton production), SIE (**buildings maintenance**), and Metrored (data communications). There are several venture capital companies

operating in Argentina, such as...

15/3,K/17 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

04884362 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Through the flaws
JIM GILCHRIST
SCOTSMAN, p19
April 07, 1999
JOURNAL CODE: FSCT LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1158

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... beams, which don't particularly blend in, he says, but which are shoring up the **building** for the moment.
The **repair**0 work Silman is proposing will be extensive, involving stripping the house's stone floors and...

15/3,K/18 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire

00610115 20011026299B2909 (USE FORMAT 7 FOR FULLTEXT)
APICS International 2001 Exhibitor Profiles
Business Wire
Friday, October 26, 2001 19:24 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 2,066

...IFS develops and supplies component-based business applications for medium and large enterprises. IFS Applications, **which** is based on web and portal technology, offers 60+ enterprise application components used in manufacturing...facilities.
JOMAR's E+e application suite integrates our ERP/APS, Supply Distribution Logistics, Preventive **Maintenance** , Warranty **Repair** and Data **Warehouse** applications. Our `Server Side' software incorporates JAVA, Web Server, Application Server and XML technology with...

...to
schedules to fulfill enterprise supply chain demand. ORTEMS' object component architecture and Visual Interface **Configurator** (VIC) technology speeds and eases integration and time to benefit. ORTEMS Collaborative Manufacturing Planning optimizes...

...Group is showcasing its BackTrack asset and
item tracking software at APICS. The tracking system, **which** uses bar codes (1D, 2D, RFID and other technologies), offers flexible, easy-to-use tracking...

...Circuit Board Tracking and BackTrack IT Asset Tracking.
Both offer specialized, yet customizable, solutions for **tracking** high value **electronic** assets. They include specialized data fields and management reports designed to track location, responsible user...

18/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

06929011 Supplier Number: 58497213 (USE FORMAT 7 FOR FULLTEXT)
Heating Up and Cutting Back.
Energy User News, v24, n12, p21
Dec, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 774

... operating anomalies so that immediate steps may be taken to correct problems.
KEEPING TABS
The **computerized monitoring** /control system is installed on all vital points of the water heating system. When any...

...Sometimes problems are solvable from the office. Other times it is something simple that the **building maintenance** staff can correct, saving the customer the cost of a service call.
If a technician...

18/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

06689393 Supplier Number: 55970698 (USE FORMAT 7 FOR FULLTEXT)
Peregrine Systems Introduces Fully Integrated Solution for Facilities Management.
PR Newswire, p8824
Oct 4, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1480

... occur by providing a series of automated operations. FacilityCenter automatically creates work orders when it **detects** problems from **automated** controls such as **building** management systems. Preventive **maintenance** work is also automated through readings from meters, instrument panels and calendars.
FacilityCenter is the...

18/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

01796009 Supplier Number: 42260708 (USE FORMAT 7 FOR FULLTEXT)
When Managing Asbestos Means Leaving It Alone
Risk Management, p33
August, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1564

... priorities should be changed accordingly.
For example, before a maintenance crew is allowed to make **repairs** anywhere in a **building** , the asbestos program manager should access the

computerized data to **determine** whether ACMs are present. Indeed, construction or maintenance workers who are inadequately informed about ACMs...

18/3,K/4 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

13729169 SUPPLIER NUMBER: 76967844 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SUPPLIERS.(Directory)
American City & County, 116, 10, 210
June 30, 2001
DOCUMENT TYPE: Directory ISSN: 0149-337X LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 25388 LINE COUNT: 07902

... KS 67213. (316) 267-2807; Fax:
(316) 267-2819
(Leak Detectors: Chemical, Leak Detectors: Water,
Sensors)

ELECTRONIC SPECIALISTS **INC** .
32 N. **Main** St., PO Box 389, Natick, MA 01760.
(508) 655-1532; (800) 225-4876; Fax: (508...Fax: (918) 622-9308
(Snow Melters, Surface Monitors, Ice)

NEMAL ELECTRONICS INC.
12240 N.E. **14th** Ave., North **Miami** , FL 33161. (305)
899-0900. Fax: (305) 895-8178; info@nemal.com:
www.nemal.com...

18/3,K/5 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

08301252 SUPPLIER NUMBER: 17783440 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Computerized systems aid conditions assessment. (building **conditions)(Focus on Management &** Maintenance **)**
Heiman, Ralph
Real Estate Weekly, v42, n12, pS12(1)
Oct 25, 1995
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 805 LINE COUNT: 00070

Computerized systems aid conditions assessment. (building **conditions)(Focus on Management &** Maintenance **)**

18/3,K/6 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

07618883 SUPPLIER NUMBER: 15894298 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Software smarts lift Abel's fortunes. (Robert Abel and Co.) (Forbes ASAP)
Freedman, David
Forbes, v154, n13, pS92(2)
Dec 5, 1994
ISSN: 0015-6914 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1391 LINE COUNT: 00104

... party software that automated the process of tracking inventory items and moving them through the **warehouse** . The program the young **repairman** showed to Croce did the same sorts of things as the third-party package. "Except...

18/3,K/7 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

07525486 SUPPLIER NUMBER: 16097109 (USE FORMAT 7 OR 9 FOR FULL TEXT)
JCPenney: doing it right. (includes related article) (Maximizing Building Performance Through Operations)
Eisele, Julie
Buildings, v88, n9, p32(5)
Sept, 1994
ISSN: 0007-3725 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2236 LINE COUNT: 00180

... limits built into the program, so this tells us when it's time for preventive **maintenance** ," says Russell Geist, supervisor of **Building** Automation Systems, Johnson Controls.
* All chillers use R-11, a chlorofluorocarbon, but are equipped with ...

18/3,K/8 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05433598 SUPPLIER NUMBER: 11167832 (USE FORMAT 7 OR 9 FOR FULL TEXT)
When managing asbestos means leaving it alone. (includes related article on environmental laws)
Whitake, Douglas R.; Uhlig, Henry
Risk Management, v38, n8, p33(4)
August, 1991
ISSN: 0035-5593 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1704 LINE COUNT: 00142

... allowed to make repairs anywhere in a building, the asbestos program manager should access the **computerized** data to **determine** whether ACMs are present. Indeed, construction or maintenance workers who are inadequately informed about ACMs...

18/3,K/9 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

04117675 SUPPLIER NUMBER: 08004187 (USE FORMAT 7 OR 9 FOR FULL TEXT)
HVAC economics: a look back. (TRW Inc., Georgia Power Co., Landmarks Group)
Jardine, Glenn M.; Robertson, Wayne K.; Kimsey, Steven P.
Heating, Piping, Air Conditioning, v61, n9, p73(10)
Sept, 1989
ISSN: 0017-940X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 6052 LINE COUNT: 00488

... and a distributed digital control (DDC) building automated system

to control or monitor lighting, HVAC, **building** access, and **maintenance** .
The completed **building** incorporated all of the major energy saving systems previously outlined and called for in the...

18/3,K/10 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

02289378 SUPPLIER NUMBER: 03586328
Smart buildings make sense.
Crosby, John
Journal of Property Management, v50, n1, p19(3)
Jan-Feb, 1985
ISSN: 0022-3905 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: using a micro-processor. A microprocessor-networked system offers tenants lower utility bills and reduces **maintenance** costs for the **building** manager. Problems with the new technology include over-automation, overestimating the computer's ability to...

18/3,K/11 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

04056745 Supplier Number: 53605687 (USE FORMAT 7 FOR FULLTEXT)
YTK countdown: the time to hesitate is through.
Knisley, Joseph R.
CEE News, pNA(1)
Dec, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Tabloid; Trade
Word Count: 1481

... used in places as diverse as automated manufacturing, building operations centers, and burglar alarms.
Some **electronic** devices in plants and **buildings monitor** periodic **maintenance** . When the clock strikes midnight on New Year's Eve 1999, these devices might think...

18/3,K/12 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

02602319 Supplier Number: 45264235 (USE FORMAT 7 FOR FULLTEXT)
Preview of SBA's Report to Congress Contains Details about Both Current and Graduated Firms
Set-Aside Alert, v2, n21, pN/A
Jan 15, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 697

... 346 million combined; general contracting/construction, with 3,042 contracts worth $331.8 million; and **building maintenance** services, with 1,949 contracts totalling $196.7 million. Other areas receiving substantial 8(a) dollars include facilities support services, heavy construction, food services, **detective** and armored car services, **electronic** computers, and

management consulting services.
The states with the highest concentration of 8(a) firms...

18/3,K/13 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

01665745 Supplier Number: 42640206 (USE FORMAT 7 FOR FULLTEXT)
Manhattan Firms Use Con Ed Rebates To Renovate Lighting, Save Energy
Energy Conservation News, v14, n6, pN/A
Jan, 1992
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 762

... Honeywell's School Services Program and Servicenet remote monitoring moved in.
Servicenet is Honeywell's **computerized** energy- **monitoring** service based in the company's Building Services Center in Atlanta. The monitoring service insures the cost-effective, energy-efficient operation and **maintenance** of **building** systems to prevent equipment failure and save energy. Since 1988, when Servicenet was installed in...

18/3,K/14 (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

01665389 Supplier Number: 42639661 (USE FORMAT 7 FOR FULLTEXT)
EFFICIENCY: EDUCATED ENERGY MANAGEMENT: STUDIES IN THE EFFECTIVE MANAGEMENT OF ENERGY RESOURCES IN EDUCATIONAL BUILDINGS, David Somervell and Roger Talbot, eds. (1991, University of Edinburgh Energy Conservation Committee), indexed, 80 pages, $39.95, ISBN 0-419-17220-3 (report). Contact Chapman and Hall, 29 West 35th Street, New York, NY 10001-2291.
Alternative Energy Digests, v3, n1, pN/A
Jan, 1992
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 138

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...TO SAVE: This guide aids energy managers in every sector of education in reducing a **building** 's operation and **maintenance** costs and environmental impact. Energy managers must have motivational as well as engineering, purchasing, and...

...have absolute responsibility and authority for energy purchasing. Energy audits and surveys, computer aided waste **detection** , and **computerized** building energy management systems are essential for initiating, evaluating, and optimally monitoring effective energy efficiency...

18/3,K/15 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02528674 245847971
Maintenance performance: A case study of hospitality engineering systems

Chan, K T; Lee, R H K; Burnett, J
Facilities v19n13/14 PP: 494-503 Nov/Dec 2001
ISSN: 0263-2772 JRNL CODE: FAC
WORD COUNT: 3616

TEXT: Keywords

Maintenance, Resources, Performance measurement, Hospitality industry

Abstract

Maintenance of hospitality **buildings** is complex and dynamic as the performance of the engineering systems is subjected to sensitive...

...presents the practices, work load and resource requirement for maintaining the engineering systems and the **building** . In-house and contracted-out **maintenance** , repair and retrofitting works are examined. Common failure modes and failure occurrence rates are reported...
...established for the hospitality engineering systems and applied in the hotel studied to illustrate the **assessment** of maintenance performance.

Electronic access

The research register for this journal is available at

http://www.mcbup.com/research...

18/3,K/16 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02295052 86926587
A meta-model for corporate real estate management
Jose L.R. Lopes
Facilities v15n1/2 PP: 22 Jan/Feb 1997
ISSN: 0263-2772 JRNL CODE: FAC
WORD COUNT: 2736

...TEXT: Journal, Vol. 5 No. 3, 1990, pp. 15-33.

33. Sung, C.M.A., "A **computerised** method of recording and **assessing** **building** sevices **maintenance** results", Proceedings of the CIBSE National Conference, Glasgow, 1993, pp. 48-60.

34. Bjork, B...

18/3,K/17 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02191984 75284028
The just workplace: Developing and maintaining effective psychological contracts
Niehoff, Brian P; Paul, Robert J
Review of Business v22n1/2 PP: 5-8 Spring 2001
ISSN: 0034-6454 JRNL CODE: ROB
WORD COUNT: 2777

...TEXT: to costly litigation, which in turn could damage the organization's public image.

Critical to **building** trust is the development and **maintenance** of "effective" psychological contracts. In today's workplace, where mergers and acquisitions are accompanied by...

...employees to "point and click" their way to a new job. Executive search firms utilize **electronic** means to locate and **monitor** talent in the industry, then offer opportunities to strong candidates when the time is right...

18/3,K/18 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00565493 91-39847
When Managing Asbestos Means Leaving It Alone
Uhlig, Henry; Whitaker, Douglas R.
Risk Management v38n8 PP: 33-38 Aug 1991
ISSN: 0035-5593 JRNL CODE: RMT
WORD COUNT: 1974

...TEXT: priorities should be changed accordingly.

For example, before a maintenance crew is allowed to make **repairs** anywhere in a **building** , the asbestos program manager should access the **computerized** data to **determine** whether ACMs are present. Indeed, construction or maintenance workers who are inadequately informed about ACMs...

18/3,K/19 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications

0020173
Pulse Alaska--Universal Oil Products Inc., Division of Allied Signal, P.O. Box 5017, Des Plaines, Ill. 60017, completed design for oil refinery, Valdez, planned by Alaska Pacific Refining Inc., 3545 Arctic Blvd., Anchorage 99503. Estimated cost, $750 million. Pending state permits. Construction tentatively scheduled for April-May '87. Ohio--William Turnbull Architects, Pier 1 1-2, San Francisco 94111, is architect for master plan and phase 1 of Sawyer Place, a residential and commercial project, to include 150,000 sq ft of retail and office space and 1250 condominium units, 27-acre site between Columbia Parkway and Eastern Ave., Cincinnati, planned by The Sawyer Place Co., 1927 Greenwood Ave., Cincinnati 45246. Estimated cost for 10-year project, in excess of $200 million. Connecticut--CRS Sirrine Inc., 1177 West Loop South, Houston 77027, is preparing preliminary plans for cogeneration plant, Versailles, planned by CRS Sirrine Inc., 1177 West Loop South, Houston 77027 and Federal Pape
Engineering News-Record, Vol. 217, No. 14, Pg 53
October 2, 1986
JOURNAL CODE: ENR
SECTION HEADING: Pulse Alaska--Universal Oil Products Inc., Division of Allied Signal, P.O. Box 5017, Des Plaines, Ill. 60017, completed design for oil refinery, Valdez, planned by Alaska Pacific Refining Inc., 3545 Arctic Blvd., Anchorage 99503. Estimated cost, $750 million. Pending

of Sullivan, Board of Public Works and Safety, City Hall, 47882, sanitary sewer collection system and wastewater treatment plant improvements. $1.4 million. Beam Longest & Neff Inc., engineer, 8136 Castleton Rd., Indianapolis 46250. Minnesota, Oct. 14--City of Savage, 12305 Quentin Ave. S., 55378, city hall/police station, highways 16 and 27. Cost estimate, $1 million. Thorbeck Lambert Inc., architect, 1409 Willow St., Room 400, Minneapolis 55403. Tennessee, Oct. 14--Metropolitan Water & Sewer Dept., at Metro Purchasing, 1001 Stahlman Building, Nashville, central wastewater treatment plant composting facility, Second Ave. North. Post Buckley Schuh & Jernigan, engineer, 4235 Hillsboro Rd., Nashville 37212. Texas, Oct. 14 (extension)--City of Houston, Wastewater Division, 900 Bagby, 77002, northside sewer relief (ww job #3786-8). $3.2 million. Washington, Oct. 14 (tentative)--U.S. Navy, Contracting, Pacific Northwest Borough, 3505 N.W. Anderson Hill Rd., Silverdale 98383, owner's agent, flammable material storehouse (4114), Navy Undersea Warfare Engineering Station, Keyport. $1 million to $5 million. Texas, Oct. 14 (extension)--City of Houston, Wastewater Division, 900 Bagby St., Room 2001, 77002, northside sewer relief (ww job #4066-1). $2.9 million. Shander Engineering Co., engineer, 3515 Allen Parkway, Houston 77019. South Dakota, Oct. 14--Bureau of Indian Affairs, 500 Gold S.W., P.O. Box 1248, Albuquerque, N.M. 87103, Western Cheyenne River elementary school and bus storage and **maintenance building** (bia-0150-86-14), (w56-551/a61), Cheyenne River Sioux Reservation. $1 million to $5 million. Banner Associates Inc., architect-engineer, 409 22nd Ave. S., Brookings 57006. Florida, Oct. 14--City of Pembroke Pines, 10211 W. Taft St., 33026, water and wastewater transmission mains. $6.5 million. Berry & Calvin, engineer, 3129 N. 29th Ave., Hollywood 33020. Michigan, Oct. 14--Oakland County, Dept. of Central Services, One Public Works Dr., Pontiac 48054, owner's agent, 256-bed multisecurity jail addition and renovations, 1201 N. Telegraph Rd., Pontiac, for Oakland County, Board of Commissioners. $13 million to $14 million. Joint venture architects-engineers are: Kenneth S. Newmann-Robert Greager Associates Architects-Planners and Henningson Durham & Richardson, 26877 Northwestern Highway, Southfield 48034. Texas, Oct. 14--City of Houston, Wastewater Division, 900 Bagby St., Room 2001, 77002, rehabilitate sanitary sewer collection system (ww job nos. 3783-17 and 3783-18), Northside wastewater treatment plant service area. $1.3 million and $1.6 million, respectively. Bernard Johnson Inc., engineer, 5050 Westheimer Rd., Houston 77056. South Carolina, Oct. 14--U.S. Army Corps of Engineers, Commander, 100 West Oglethorpe Ave., P.O. Box 889, Savannah, Ga. 31402-0889, youth activity center (DACA21-86-R-0097), Fort Jackson. California, Oct. 14--County of Siskiyou, County Courthouse, 30 Butte St., Yreka 96097, new county jail. $4.2 million. Joint venture architects are: Nichols & Melburg, 300 Knoll Crest Dr., Redding 96002 and The Ehrenkrantz Group, 855 Front St., San Francisco 94111. Texas, Oct. 14--Headquarters, Army & Air Force Exchange Service, at the Branch Exchange Manager's Office, Building 1830, Carswell Air Force Base 76127, main exchange building addition and renovations (aafes-pdss-82-5-86-090), Carswell. $1 million to $5 million. Albert S. Komatsu & Associates, architect-structural engineer, 1300 S. University Dr., Fort Worth 76107. Illinois, Oct. 15--Cook County Board of Commissioners, 118 N. Clark St., Room 1018, Chicago 60602, Cook County Hospital children's building (rehabilitate pediatric emergency room) (86-74-285), 1835 Harrison, Chicago. $2.2 million. McDonough Associate Inc., architect-engineer, 224 S. Michigan Ave., Chicago 60604. District of Columbia, Oct. 15--Washington Metropolitan Area Transit Authority, Architectural & Engineering Division, Meeting Room, Lobby Level, 600 Fifth St. N.W., Washington, D.C. 20001, F Route and Navy Yard east subway tunnel construction (sec. F-3c, contr. #1F0033), M St. S.E. at Navy Yard. Idaho, Oct. 15 (tentative)--U.S. Army Corps of Engineers, Building 602, City/County Airport, Walla Walla, Wash. 99362, channel dredging

(86-B-0061), Snake River, Lewiston Port area and at confluence area, phase 2, Nez Perce County. Nebraska, Oct. 15--City of Omaha, Purchasing Dept., Civic Center, 1819 Farnam, Room 1003, 68183, modify Missouri River wastewater treatment plant. $15 million to $20 million. CH2M-Hill Inc., architect-engineer, P.O. Box 22508, Denver, Colo. 80222. Illinois, Oct. 15--Cook County, Dept. of Purchasing, 118 N. Clark St., Room 613, Chicago 60602, renovate Cook County Hospital pediatric emergency room, 1825 W. Harrison, Chicago. $2.3 million. McDonough Associates, architect-engineer, 224 S. Michigan Ave., Chicago 60604. Arkansas, Oct. 15--City of Mountain Home, 720 S. Hickory, 72653, oxidation ditch type wastewater treatment plant. Cost estimate, $2.3 million. Garver & Garver Inc., civil engineer, 11th and Battery sts., Little Rock 72202. Arizona, Oct. 15--Bureau of Reclamation, Arizona Projects Office, 23636 N. Seventh St., Phoenix 85068, owner's agent, Twin Peaks and Sandario pumping plants and switchyards (Proj. DC-76775), Pima County, near Tucson. $25 million to $50 million. Wisconsin, Oct. 15--City of Milwaukee, Dept. of Public Works, 841 N. Broadway, 53202, Holton Street viaduct redecking and structural steel repairs (#131), over the Milwaukee River. Current cost estimate, $3 million. South Carolina, Oct. 15--City of Myrtle Beach, Dept. of Public Utilities, at Public Works Building, 10th Ave. N., 29577, wastewater treatment plant addition and modifications phase 1, 10th Ave. N. Extension. $8 million. PRC-Consoer Townsend Inc., engineer, 404 James Robertson Parkway, Nashville, Tenn. 37219. Louisiana, Oct. 15--Facility Planning & Control Dept., State of Louisiana, P.O. Box 94095, Baton Rouge 70804, restore exterior of Cabildo and Presbytere buildings (06-32-00-85b-3), Jackson Square, New Orleans. $1.3 million. E. Eean McNaughton & Associates, architect, 822 Perdido St., New Orleans 70112. California, Oct. 15--U.S. Army Corps of Engineers, P.O. Box 2711, 300 N. Los Angeles St., Los Angeles 90053, Channel Island Harbor maintenance dredging (DACW09-86-B-0040), Ventura County. $1 million to $5 million. Texas, Oct. 15--City of San Antonio, Dept. of Engineering, City Clerk's Office, Second Floor, City Hall, 78204, drainage and Vestal/Logwood street reconstruction. $1.6 million. Poanecki-Camarillo, engineer, 1603 Babcock Rd., San Antonio 78229. California, Oct. 15--San Ramon Valley Unified School District, 699 Old Orchard Dr., Danville 94526, high school modular classroom building, Del Amigo. $1.8 million. Haines Tatarian Ipsen & Associates, architect-engineer, 442 Post St., San Francisco 94105. Alabama, Oct. 15--Mobile Water & Sewer Board Commissioners, 207 N. Catherine St., Mobile 36604, renovate Three Mile Creek sewage treatment plant. $10 million. BCM-Converse Inc., civil engineer, 108 St. Anthony St., P.O. Box 1784, Mobile 36601. Minnesota, Oct. 16--Metropolitan Waste Control Commission, 350 Metro Square Building, St. Paul 55101, sewerage system alarm and metering telemetry system (mwcc proj. #83-57), approximately 200 sites, in Anoka, Hennepin, Ramsey, Carver, Scott, Dakota and Washington counties. $1.9 million. EMA Inc., engineer, 480 Cedar St., St. Paul 55101. South Carolina, Oct. 16--U.S. Navy, Southern Division, Naval Facilities Engineering Command, 2155 Eagle Dr., P.O. Box 10068, Charleston 29411, repair tanks 1, 2, 3 and 5 (06-85-0053), Defense Fuel Supply Point, Charleston. $1 million to $5 million. California, Oct. 16--State of California, Dept. of Transportation, 120 S. Spring St., Room 1000, Los Angeles 90012, reconstruct highway interchange (11-141924), (11-SD-8,163-2.1/2.6:3.3/4.3), Rte. 163, from south of Rte. 8 to south of Friars Rd. overcrossing (portions), San Diego. Cost estimate, $4.7 million. California, Oct. 16--State of California, 120 S. Spring St., Room 1000, Los Angeles 90012, roadwork (07-287664), (07-LA,10,605-31.6/40.5:21.1), east of Rte. 605 in Baldwin Park to east of the Via Verde undercrossing near San Dimas and on Rte. 605 in Irwindale and Baldwin Park at West Ramona Blvd. overcrossing. Cost estimate, $1 million. California, Oct. 16--U.S. Navy, San Diego Branch, Western Division, Naval Facilities Engineering Command, 1220 Pacific Highway, San Diego 92123, owner's agent, **electronic** counter measure

detection system laboratory (Spec. #0948), Naval Weapons Center, China Lake. Cost estimate not disclosed. Mississippi, Oct. 16 (extension)--U.S. Navy, Southern Division, Naval Facilities Engineering Command, at Office of Resident Officer in Charge of Construction, North Station, Warehouse 16, Naval Construction Battalion Center, Gulfport, electronics assembly and checkout facility (06-79-0470), Keesler Air Force Base, Biloxi. $1 million to $5 million. Spencer & Associates, structural-civil engineer, P.O. Box 4328, 2675 River Ridge Rd., Jackson 39216. Maryland, Oct. 16--State of Maryland, Dept. of Transportation, Highway Administration, Cashier's Office, 707 N. Calvert St., Baltimore 21202, resurface highway (T-357-501-277), MD 33 from New Rd. to Knapps Narrows Bridge, Talbot County. $1 million to $2.5 million. ISSN: 0013-807X

...SECTION HEADING: Box 1248, Albuquerque, N.M. 87103, Western Cheyenne River elementary school and bus storage and **maintenance building** (bia-0150-86-14), (w56-551/a61), Cheyenne River Sioux Reservation. $1 million to $5...Western Division, Naval Facilities Engineering Command, 1220 Pacific Highway, San Diego 92123, owner's agent, **electronic** counter measure **detection** system laboratory (Spec. #0948), Naval Weapons Center, China Lake. Cost estimate not disclosed. Mississippi, Oct ...

18/3,K/20 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire

0989127 NEW025
Primark Creates 'Data Warehouse' to Distribute Broker Investment Research Reports

DATE: August 28, 1996 14:31 EDT WORD COUNT: 602

...in 1994 as a
cooperative organization of major brokers in Southeast Asia to promote the **electronic** distribution of information between **brokers** and fund managers. In
1996, BIG Asia decided to create a central electronic research warehouse...

...to brokers'
research for redistribution to clients. BIG Asia selected Primark to create this electronic **warehouse** and provide the ongoing **maintenance** for this capability.

Primark Corporation, headquartered in Waltham, Massachusetts, is a $600 million global provider...
?